



"City of Champions"

DEPARTMENT OF PUBLIC WORKS OFFICE OF THE COMMISSIONER

October 20, 2011

Michael L. Thoreson
COMMISSIONER

CERTIFIED MAIL 7002 2410 0001 8494 5252

I. Andrew Goldberg
Assistant Attorney General
Massachusetts Office of the Attorney General
One Ashburton Place
18th Floor
Boston, MA 02108

**Subject: Brockton, Massachusetts
 Wastewater Collection/Treatment Facility
 Consent Decree Civil Action Case No. 1:06-cv-11334-NMG
 2011 - 3rd Quarter Report**

Dear Mr. Goldberg:

The following is a quarterly report for your consideration regarding the City's Consent Decree Civil Action referenced above. This information is an update of the individual ongoing wastewater projects within the City plus other relevant data, in accordance with Section 42 of the Consent Decree.

Section 42 a - Activities Directed at Compliance with the Consent Decree:

1. **Miscellaneous Sewer Pipe Repair and Replacement**

The City has been performing sewer rehabilitation based on the findings of the City Wide Sewer System Evaluation Survey (SSES). In addition, there are several private contractors performing sewer rehabilitation throughout the City. As a result of this work, many gallons of extraneous flow have been removed from the sewer system. The attached Table 1 is a summary of sewer system repairs documented since 1990. The City and private contractors repaired numerous defects identified in the SSES during the 3rd quarter of 2011 and removed several sources of inflow, which account for removal of 541 gpd of extraneous flow. This activity is required by Sections 35 through 39 of the Consent Decree.

2. Sewer System Rehabilitation

Construction of all phases of sewer system rehabilitation is complete. These activities are required by Sections 35 through 39 of the Consent Decree.

3. Local and State Funding

The City has completed all upgrades at the Advanced Water Reclamation Facility, as well as all phases of sewer system rehabilitation, under the SRF funding package totaling \$99.725 million, which matches the City authorization for borrowing.

4. I/I Reduction by Whitman and Abington

Both Whitman and Abington are required to develop an I/I rehabilitation plan as defined in the new NPDES permit for the Brockton WWTF. Both have been provided a copy of the Consent Decree and are currently pursuing I/I studies and rehabilitation. This activity is required by Section 40 of the Consent Decree.

5. Private Inflow Reduction Program

The City has completed the house-to-house inspection program. This activity is required by Sections 35 through 39 of the Consent Decree.

6. Wastewater Treatment Facility Upgrade

All three Phases of the WWTF Upgrade have been completed. These activities are required by Section 23, 24 and 25 of the Consent Decree.

7. Receiving Water Assessment SEP - Scope of Work

Sampling for the Comprehensive Receiving Water Assessment SEP is complete, and the summary report was previously submitted during the second quarter of 2011.

8. Lead Analysis SEP - Completion Report

The Lead Analysis SEP completion Report has been submitted in accordance with Appendix C and Section 15 of the Consent Decree. Additional samples were taken during the second quarter of 2011 at DEP's request, and the summary of results was submitted during this period (copy attached.)

9. Funding

The FY12 Sewer Enterprise fund budget was submitted during this reporting period (copy attached.)

Section 42 b - Plans, Reports, and Deliverables Completed and Submitted during this Period:

1. Lead Analysis SEP supplemental testing information (copy attached)

Section 42 c - Activities Anticipated During the Next Reporting Period:

1. The City will submit a quarterly report.
2. Miscellaneous Sewer Pipe Repair and Replacement by City Personnel

Additional sewer rehabilitation by City staff based on the findings of the City Wide Sewer System Evaluation Survey (SSES) is expected to continue during the next reporting period.

3. Wastewater Treatment Facility Upgrade

Compliance with the NPDES permit is expected to continue during the next reporting period, as required in Section 34 of the Consent Decree.

4. Supplemental Environmental Projects

Submission of minor supplemental information for the receiving water assessment SEP report is anticipated during the fourth quarter of 2011.

Section 42 d - Anticipated Non-Compliance During the Next Reporting Period:

During the next quarter, it is expected based on the fact that Brockton has reached completion with all Phases of the upgrades that the treatment facility should continue to be without effluent violations (SNC) of its NPDES permit.

Section 42 e - Non-Compliance during the Current Reporting Period:

During the 3rd quarter of 2011, the City of Brockton WWTF experienced no effluent violations of its NPDES permit.

July
NONE

August
NONE

September
NONE

Section 14 - Status of Supplemental Environmental Projects:

1. Receiving Water Assessment SEP (Consent Decree Appendix A)

The City has previously submitted the final scope-of-work and QAPP for the SEP in compliance with the requirements of the Consent Decree. Field sampling and analysis is complete. The summary report has been completed and submitted to DEP.

2. Regional Wastewater Management Planning SEP (Appendix B)

In compliance with the requirements of the Consent Decree, the City has disbursed the required funds in the amount of \$75,000 to the Old Colony Planning Council for implementation of the scope-of-work for this SEP.

3. Lead Analysis SEP (Appendix C)

The City has completed all testing of all open schools per the approved scope-of-work for the lead sampling SEP. The SEP completion report has been submitted. The City has expended approximately \$27,000 to date for this SEP (supporting cost documentation previously provided.) At DEP's request, the City has completed over 30 retests of certain drinking water bubblers and sinks that have been repaired. The summary of results was submitted during this period.

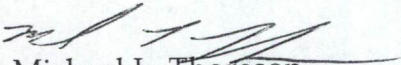
Section 73 - Certification by representative of the City

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Closing

We trust this information meets your expectations regarding the required progress report. Please do not hesitate to contact me at 508-580-7135 regarding any questions or comments on this information.

Sincerely,



Michael L. Thoreson

DPW Commissioner

MLT/ss

Enclosures

cc: Chief, Environmental Enforcement Section CERTIFIED MAIL 7002 2410 0001 8494 5269
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David Norton, Water and Sewer Contract Administrator
Lawrence Rowley, Utilities Superintendent
Ian Mead, CDM Providence

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day Inflow Removed	Total I/I per quarter	Exfiltration Source
3rd Quarter 2011	September 24, 2011	477 Crescent Street, replaced 11 feet of 8" VC sta 0+45 to 0+56 (054-034 TO 054-034A) see pictures 301A & 301B	360			
	August 30, 2011	32 Vine Street, replaced 5 feet of 8" VC sta 1+69 to 1+74 (037-096 TO 037-093) see pictures 300A & 300B	91			
	August 24, 2011	35 Vine Street, replaced 10 feet of 8" VC sta 1+14 to 1+24 (037-096 TO 037-093) see pictures 299A & 299B	90		541 gpd	
2nd Quarter 2011	April 16, 2011	PH9: Pleasant Street, CIPP Liner 70 lf of 8" pipe (002-020 to 002-060A)				x
	April 16, 2011	PH9: Pleasant Street, CIPP Liner 308 lf of 8" pipe (002-021 to 002-020)				x
	April 16, 2011	PH9: Pleasant Street, CIPP Liner 180 lf of 8" pipe (002-023 to 002-021)				x
	April 16, 2011	PH9: N. Belcher Street, CIPP Liner 215 lf of 8" pipe (014-041 to 014-040)				x
	April 16, 2011	PH9: N. Belcher Street, CIPP Liner 298 lf of 8" pipe (014-042 to 014-041)				x
	April 16, 2011	PH9: Cross Stret, CIPP Liner 208 lf of 8" pipe (004-070C to 004-070)				x
	April 16, 2011	PH9: Cross Stret, CIPP Liner 144 lf of 8" pipe (004-070B to 004-070C)				x
	April 16, 2011	PH9: Cross Stret, CIPP Liner 228 lf of 8" pipe (005-147 to 005-146)				x
	June 19, 2011	16 Garfield Street, replaced 10 feet of 8" VC (061-019 TO 061-018) see pictures 298A & 298B				x
	April 12, 2011	50 Holbrook Avenue, replaced 6 feet of 8" VC sta 0+50 to 0+56 (037-098 TO 037-099) see pictures 297A & 297B	1,015 gpd			
	April 6, 2011	41 Holbrook Avenue, replaced 10 feet of 8" VC sta 0+08 to 0+18 (037-098 TO 037-097) see pictures 296A & 296B	720 gpd			
1st quarter 2011	April 4, 2011	12 Holbrook Avenue, replaced 9 feet of 8" VC sta 2+76 to 2+80 (037-097 TO 037-096) see pictures 295A & 295B	655 gpd		2,389 gpd	
	March 21, 2011	PH9: Grove Street Easement, CIPP Liner 650 lf of 8" pipe (057-004A to 057-001C)	5,890 gpd			
	March 21, 2011	PH9: Hancock Ave, CIPP Liner 63 lf of 8" pipe (002-022 to 002-021)				x
4th quarter 2010	March 28, 2011	5 Holbrook Avenue, replaced 7 feet of 6" VC sta 2+76 to 2+80 (037-097 to 037-096) see pictures 294A & 294B	655 gpd		6,545 gpd	x
	September 29, 2010	PH9: Pearl Street Easement, T&S 46 pipe joints (032-016 to 032-074)	1,688 gpd			
	September 28, 2010	PH9: Mill Stet, T&S 20 21" pipe joints (032-080 to 032-081)	2,520 gpd			
	October 21, 2010	PH9: North Montello, T&S 155 8" pipe joints (038-185 to 038-188)	180 gpd			
	September 27, 2010	PH9: Pearl Street, CIPP liner 225 lf of 21" pipe (032-017 to 032-016)	1,449 gpd			
	September 28, 2010	PH9: Van Cliff Avenue, CIPP liner 376 lf of 18" pipe (032-061 to 032-065)	2,844 gpd			
	September 15, 2010	PH9: Ashfield Drive, CIPP liner 195 lf of 18" pipe (043-035 to 043-035B)	7,850 gpd			
	September 17, 2010	PH9: Tiffany Drive, CIPP liner 249 lf of 15" pipe (032-055 to 032-054)	1,750 gpd			
	September 20, 2010	PH9: Woodard Road, CIPP liner 349 lf of 15" pipe (025-001 to 025-003)	1,016 gpd			
	September 29, 2010	PH9: E. Ashland Easement, CIPP Liner 268 lf of 15" pipe (042-027 to 042-026)				
	September 22, 2010	PH9: No. Main St., CIPP Liner 338 lf of 12" pipe (037-092 to 037-089)	2,764 gpd			
	September 21, 2010	PH9: Reservoir Street, CIPP liner 281 lf of 12" pipe (002-103 to 002-101A)	5,760 gpd			
	September 30, 2010	PH9: Bishop Street, CIPP liner 261 lf of 10" pipe (043-001 to 043-090)	3,960 gpd			
	October 12, 2010	PH9: Wilson Street, CIPP Liner 436 lf of 10" pipe (025-022 to 025-025)	2,880 gpd			
	October 13, 2010	PH9: West Pleasant Street, CIPP Liner 308 lf of 10" pipe (001-004 to 001-003)	2,160 gpd			
	October 14, 2010	PH9: Southworth Street, CIPP liner 264 lf of 10" pipe (033-019 to 033-018)	1,080 gpd			
	October 26, 2010	PH9: West Elm Street, CIPP liner 367 lf of 10" pipe (009-014 to 009-015)	10,880 gpd			
	October 28, 2010	PH9: Crescent Street, CIPP Liner 301 lf of 10" pipe (054-004 to 054-001C)	13,320 gpd			
	October 28, 2010	PH9: Crescent Street, CIPP Liner 245 lf of 10" pipe (054-001C to 054-001B)	10,880 gpd			
	October 15, 2010	PH9: Cross Street, CIPP Liner 99 lf of 8" pipe (004-070B to 004-070C)	180 gpd			
	October 15, 2010	PH9: River Street, CIPP Liner 91 lf of 8" pipe (042-012C to 042-012D)	0 gpd			
	November 16, 2010	PH9: Gerry's Farm, Pleasant Street, replaced 350 lf of 21" VC sta 0+00 to 3+50 (008-102 to 008-103)				x
	November 30, 2010	17 North Belcher Avenue, replaced 8 feet of 8" VC sta 2+12 to 2+22 (014-42 to 014+41) see pictures 293A & 293B				x
	October 29, 2010	34 North Belcher Avenue, replaced 4 feet of 8" VC see pictures ta 0+51 to 0+55 (014-42 to 014+41) see pictures 292A & 292B				
	November 1, 2010	31 North Belcher Avenue, replaced 14 feet of 8" VC see pictures ta 1+72 to 1+86 (014-42 to 014+41) see pictures 291A & 291B				x
	October 25, 2010	4 North Belcher Avenue, replaced 11 feet of 8" VC sta 1+73 to 1+84 (014-41 to 014+40) see pictures 290A & 290B			73,161 gpd	x
	July 1, 2010	PH9: Southfield Drive, CIPP Liner 282 lf of 8" pipe (065-065-065-064)	1,440 gpd			
	July 7, 2010	PH9: Raymond Road, CIPP Liner 227 lf of 8" pipe (004-058A-004-058B)	638 gpd			
	July 8, 2010	PH9: Coventry Circle, CIPP Liner 225 lf of 8" pipe (004-038-004-039)	5,040 gpd			
	July 9, 2010	PH9: Colonel Bell Drive, CIPP Liner 75 lf of 8" pipe (004-026-004-027)	180 gpd			
	July 9, 2010	PH9: Colonel Bell Drive, CIPP Liner 304 lf of 8" pipe (004-037-004-038)	4,320 gpd			
	July 12, 2010	PH9: Healy Terrace, CIPP Liner 345 lf of 8" pipe (002-071-002-066)	5,760 gpd			
	July 12, 2010	PH9: Livingston Road, CIPP Liner 123 lf of 8" pipe (038-189-038-188)	180 gpd			
	July 13, 2010	PH9: Fitzpatrick Avenue, CIPP Liner 197 lf of 8" pipe (005-102A-005-102)	720 gpd			
	13-Jul-010	PH9: Fitzpatrick Circle, CIPP Liner 125 lf of 8" pipe (005-099-005-099A)	1,800 gpd			

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		
				Inflow Removed	Total I/I per quarter	Exfiltration Source
3rd Quarter 2010	July 14, 2010	PH9: Battles Street Ext., CIPP Liner 220 lf of 8" pipe (004-096B-004-096P)	3,600 gpd			
	July 14, 2010	PH9: Battles Street Ext., CIPP Liner 200 lf of 8" pipe (004-096P-004-096A)	638 gpd			
	July 16, 2010	PH9: Powder Circle, CIPP Liner 165 lf of 8" pipe (009-062-009-061)	720 gpd			
	July 16, 2010	PH9: Candy Lane, CIPP Liner 32 lf of 8" pipe (009-043A-009-041)	1,800 gpd			
	July 19, 2010	PH9: Clarendon Street, CIPP Liner 156 lf of 8" pipe (031-026-031-027)	45 gpd			
	July 19, 2010	PH9: Darby Road, CIPP Liner 251 lf of 8" pipe (065-031-065-032)	1,080 gpd			
	July 20, 2010	PH9: Hill Street, CIPP Liner 246 lf of 8" pipe(054-044-054-043)	1,440 gpd			
	July 20, 2010	PH9: Jacob Street, CIPP Liner 296 lf of 8" pipe (054-041-054-041A)	3,600 gpd			
	July 21, 2010	PH9: Almon Avenue, CIPP Liner 282 lf of 8" pipe (032-070-032-071)	4,964 gpd			
	July 21, 2010	PH9: Globe Road, CIPP Liner 108 lf of 8" pipe (001-084-001-085)	360 gpd			
	July 22, 2010	PH9: Brentwood Avenue, CIPP Liner 283 lf of 8" pipe (060-033-060-034)	2,880 gpd			
	July 26, 2010	PH9: Mass Avenue, CIPP Liner 298 lf of 8" pipe (043-017-043-018)	4,680 gpd			
	July 27, 2010	PH9: Pine Street, CIPP Liner 154 lf of 8" pipe (058-046-058-052A)	855 gpd			
	July 27, 2010	PH9: Crescent Street, CIPP Liner 84 lf of 8" pipe (054-040-058-043)	5,400 gpd			
	August 3, 2010	PH9: West Elm St. Ext, CIPP Liner 62 lf of 8" pipe (011-011A-011-11B)	2,880 gpd			
	August 3, 2010	PH9: Fulton Street, CIPP Liner 176 lf of 8" pipe (023-010-023-011)	720 gpd			
	August 4, 2010	PH9: Portland Street, CIPP Liner 291 lf of 8" pipe (059-038-059-037A)	1,820 gpd			
	August 9, 2010	PH9: Copeland Street, CIPP Liner 106 lf of 8" pipe (033-008-033-008A)	5,940 gpd			
	August 9, 2010	PH9: Copeland Street, CIPP Liner 245 lf of 8" pipe (033-008A-033-006)	12,240 gpd			
	August 9, 2010	PH9: Melanie Lane, CIPP Liner 152 lf of 8" pipe (011-013A-011-014)	656 gpd			
	August 10, 2010	PH9: Eaton Street, CIPP Liner 166 lf of 8" pipe (005-150K-005-150H)	360 gpd			
	August 10, 2010	PH9: Florence Street, CIPP Liner 232 lf of 8" pipe (021-008-021-006)	5,760 gpd			
	August 11, 2010	PH9: Southworth Street, CIPP Liner 289 lf of 8" pipe (033-020-033-019)	4,275 gpd			
	August 16, 2010	PH9: Country Club Dr, CIPP Liner 259 lf of 8" pipe (033-011-033-010)	360 gpd			
	August 16, 2010	PH9: Country Club Lane, CIPP Liner 321 lf of 8" pipe (033-015-033-013)	6,120 gpd			
	August 17, 2010	PH9: Country Club Drive, CIPP Liner 260 lf of 8" pipe (033-013-033-012)	1,800 gpd			
	August 17, 2010	PH9: Southworth Street, CIPP Liner 267 lf of 8" pipe (033-021-033-020)	530 gpd			
	August 18, 2010	PH9: Margery Road, CIPP Liner 232 lf of 8" pipe (009-024-009-023)	1,449 gpd			
	August 18, 2010	PH9: Westgate Drive, CIPP Liner 94 lf of 8" pipe (007-127H-007-127G)	1,449 gpd			
	August 19, 2010	PH9: Florence Street, CIPP Liner 285 lf of 8" pipe (021-007-021-006A)	1,440 gpd			
	August 19, 2010	PH9: Florence Street, CIPP Liner 286 lf of 8" pipe (021-006A-021-006)	1,440 gpd			
	August 23, 2010	PH9: Trafalgar Street, CIPP Liner 81 lf of 8" pipe (005-136-005-133)	1,490 gpd			
	August 23, 2010	PH9: Trafalgar Street, CIPP Liner 62 lf of 8" pipe (005-133-005-132A)				
	August 23, 2010	PH9: Trafalgar Street, CIPP Liner 97 lf of 8" pipe (005-132A-005-132B)				
	August 23, 2010	PH9: Trafalgar Street, CIPP Liner 153 lf of 8" pipe (005-132B-005-132C)				
	August 23, 2010	PH9: Oakland St. Ease., CIPP Liner 215 lf of 8" pipe (060-072L-060-074)	180 gpd			
	August 24, 2010	PH9: Fitzpatrick Avenue, CIPP Liner 210 lf of 8" pipe (005-102-005-145)	2,525 gpd			
	August 25, 2010	PH9: Fairway Condo, CIPP Liner 144 lf of 8" pipe (004-096E-004-096D)	180 gpd			
	August 25, 2010	PH9: Fairway Condo, CIPP Liner 200 lf of 8" pipe (004-096D-004-096C)	638 gpd			
	August 24, 2010	PH9: Oakland Street, CIPP liner 82 lf of 10" pipe (060-072N-060-072M)	803 gpd			
	August 26, 2010	PH9: Country Club Lane, CIPP liner 321 lf of 10" pipe (033-014-033-013)	6,480 gpd			
	August 26, 2010	PH9: Summer Street, CIPP liner 214 lf of 10" pipe (060-072-060-072B)	3,899 gpd			
	August 27, 2010	PH9: Skyview Drive, CIPP liner 69 lf of 10" pipe (034-012-034-012C)	4,455 gpd			

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		
				Inflow Removed	Total I/I per quarter	Exfiltration Source
	August 31, 2010	PH9: Anawan Street, CIPP liner 143 lf of 10" pipe (043-078-043-078A)	2,880 gpd			
	September 9, 2010	PH9: N. Manchester Street, CIPP liner 112 lf of 18" pipe (042-004B-042-003B)				
	September 9, 2010	PH9: N. Manchester Street, CIPP liner 450 lf of 18" pipe (042-003B-042-001D)	5,488 gpd			
	August 11, 2010	PH9: Locust Street, T&S 122 6" pipe joints (036-130 - 036-128)	2,278 gpd			
	August 12, 2010	PH9: River Street Easement, T&S 58 6" pipe joints (042-012B - 042-012A)	90 gpd			
	July 8, 2010	PH9: Rangeley Avenue, T&S 29 8" pipe joints (001-017 - 001-008)	360 gpd			
	July 8, 2010	PH9: Oak Street, T&S 7 8" pipe joints (037-136A - 037-136)	180 gpd			
	July 8, 2010	PH9: Darby Road, T&S 13 8" pipe joints (065-034 - 065-033)	180 gpd			
	July 9, 2010	PH9: East Street, T&S 26 8" pipe joints (060-072x - 060-072Y)	180 gpd			
	August 17, 2010	PH8: Crescent Street, CIPP Liner 139 lf of 8" pipe (054-029 - 054-034)	638 gpd			
	August 17, 2010	PH8: Summer Street, CIPP Liner 197 lf of 8" pipe (060-058-060-059)	1,440 gpd			
	July 29, 2010	PH8: Shaw's Plaza, CIPP Liner 154.4 lf of 24" pipe (028-009-028-010)				
	July 29, 2010	PH8: Shaw's Plaza, CIPP Liner 143.3 lf of 24" pipe (028-010-028-017A)				
	July 29, 2010	PH8: Shaw's Plaza, CIPP Liner 243.1 lf of 24" pipe (028-017A-028-017)				
	July 1, 2010	PH8: Brown Street, T&S 65 8" pipe joints (001-077-001-076)				
	July 6, 2010	PH8: Ray Avenue, T&S 47 8" pipe joints (001-082-001-087)	1,440 gpd			
	July 8, 2010	PH8: Paquin Way/Richmond, T&S 35 8" pipe joints (005-150G-005-150H)	1,080 gpd			
	July 9, 2010	PH8: Paquin Way/Richmond, T&S 56 8" pipe joints (005-150E-005-150G)	4,320 gpd			
	July 12, 2010	PH8: Paquin/Richmond Easmt, T&S 62 8" pipe joints (005-150E-005-150F)	720 gpd			
	July 12, 2010	PH8: Paquin Way/Richmond, T&S 59 8" pipe joints (005-150C-005-150D)				
	July 13, 2010	PH8: Raymond Road, T&S 48 8" pipe joints (004-056-004-056B)	1,980 gpd			
	July 19, 2010	PH8: Dartmouth Street, T&S 57 8" pipe joints (009-084-009-083)				
	July 19, 2010	PH8: Pearl Street, T&S 27 8" pipe joints (009-083-009-077)				
	July 20, 2010	PH8: Hancock School Esmnt, T&S 54 8" pipe joints (009-077-009-076)	833 gpd			
	July 20, 2010	PH8: Rene Road, T&S 74 8" pipe joints (004-055-004-054)	2,963 gpd			
	July 7, 2010	PH8: Clarendon Street, T&S 64 10" pipe joints (031-023-031-024)	720 gpd			
	July 8, 2010	PH8: Ray Avenue, T&S 17 10" pipe joints (001-074-001-075)	1,080 gpd			
	July 14, 2010	PH8: Shield's Avenue, T&S 25 21" pipe joints (004-078 to 004-078)	8,162 gpd			
	July 21, 2010	PH8: Reservoir Road, T&S 53 10" pipe joints (002-095-002-094)	720 gpd			
	July 21, 2010	PH8: Oak Street, T&S 35 10" pipe joints (002-202-002-201A)	2,160 gpd			
	July 21, 2010	PH8: Oak Street, T&S 27 10" pipe joints (002-201A-002-201)				
	July 22, 2010	PH8: Battles Farm V. Esmnt, T&S 8 10" pipe joints 037-108-037-107)	900 gpd			
	July 22, 2010	PH8: Battles Farm V. Esmnt, T&S 24 10" pipe joints 037-107-037-106)	2,880 gpd			
	September 9, 2010	PH8: RT24/RT27 Cloverleaf, T&S 36 10" pipe joints 002-043-002-042)	1,440 gpd			
	September 28, 2010	PH8: RT24/RT27 Cloverleaf, CIPP Liner 450 lf of 12" pipe joints 002-042-002-040)				
	September 22, 2010	#11 Studley Avenue, replace service wye STA 1+24.5 (036-0163 to 036-162) see photos 289A & 289B				
	September 22, 2010	#10 Studley Avenue, replace service wye STA 1+50.2 (036-0163 to 036-162) see photos 288A & 288B				
	September 15, 2010	OPP #181 Cross St., installed sewer manhole STA 0+97 (004-70B to 004-CAP4) see photos 287A & 287B				
	September 13, 2010	OPP 13 River Street, installed U/S Sewer manhole STA 0+93 (042-012C to 042-12NEW) see photos 286A & 286B				
	August 16, 2010	From #3 Carlyn Road, replaced 299 linear feet of 8" PVC STA 0+00 to 2+99 (002-060 to 002-059) see photos 285A & 285B				x
	August 10, 2010	1-6 Country Club Road, replaced 5 feet of 6" and 7 feet of 8" VC pipe STA ~1+75 to 1+82 (033-011 to 033-010) see photos 284A & B				x
	August 2, 2010	Forest Avenue, replaced 91 linear feet of 8" VC pipe STA 2+41 to 3+32 (021-026 to 021-024) see photos 283A & 283B				
	July 30, 2010	OPP # 42 Portland Street, replaced 5 linear feet of 8" VC pipe STA 1+34 to 1+38 (059-038 TO 059-037A) see photos 282A-B				
	July 21, 2010	OPP # 264 Richmond Street, replaced 5 linear feet of 8" VC pipe STA 0+00 TO 0+05 (005-150C to 005-150D) see photos 281A-B				
	July 19, 2010	Jacob Street, replaced 12 linear feet of 8" VC Pipe STA 0+00 to 0+12 (054-029 to 054-034)				x
	July 19, 2010	Intersection of Crescent St, replaced 8 linear feet of 8" VC Pipe STA 0+00 to 0+08 (054-029 to 054-028) see photos 280A-B				
	July 16, 2010	#44 Brentwood Avenue, replaced 4 linear feet of 8" VC pipe STA ~1+72 to 1+76 (060-033 to 060-032) see photos 279A & 279B				
	July 14, 2010	#23 to #37 River St, replaced 6 linear feet of 6" VC pipe STA 0+04 to 0+10 (042-012A to 042-012B) see photos 278A & 278B				
					166,052 gpd	

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		Total I/I per quarter	Exfiltration Source
				Inflow Removed			
	2005	P5: Easement off of North Quincy, CIPP liner 325 lf of 8" VC pipe (045-069 to 045-011)	3,133 gpd				
	2005	P5: Easement off of North Quincy, CIPP liner 194 lf of 8" VC pipe (045-070 to 045-069)	1,870 gpd				
	2005	P5: Easement off of North Quincy, CIPP liner 273 lf of 8" VC pipe (045-071 to 045-070)	2,631 gpd				
	2005	P5: Easement off of North Quincy, CIPP liner 197 lf of 8" VC pipe (045-072 to 045-071)	1,899 gpd				
	June 16, 2010	P9: Van Cliff Avenue, replaced service connection STA 2+55 (032-065 to 032-061)					
	June 16, 2010	P9: Van Cliff Avenue, replaced service connection STA 0+72 (032-065 to 032-061)					
	May 18, 2010	P9: Florence Street, replaced service connection STA 1+33 (021-007 to 021-006A)	360 gpd				
	May 17, 2010	P9: Florence Street, replaced service connection STA 0+26 (021-007 to 021-006A)	360 gpd				
	Apr. 1, 2010	P9: West Elm St., replaced 12 linear feet of 8" VC pipe STA 0+36 to 0+48 (011-011 to 011-CAP1)	913 gpd				
	Apr. 6, 2010	P9: Coventry Circle, replaced 6 linear feet of 8" VC pipe STA 0+75 to 0+81 (004-039 to 004-038)					
	Apr. 6, 2010	P9: Coventry Circle, replaced 8 linear feet of 8" VC pipe STA 2+05 to 2+13 (004-039 to 004-038)					
	Apr. 20, 2010	P9: Clifton Avenue, replaced 307 linear feet of 8" VC pipe (024-032A to 024-033)	13,116 gpd				
	Apr. 27, 2010	P9: Tupelo Road, replaced 140 linear feet of 8" VC pipe (029-035 to 029-035A)	20,000 gpd				
	May 10, 2010	P9: Briarcliff Road, replaced 304 linear feet of 8" VC pipe (013-081 to 013-082)	21,440 gpd				
	June 3, 2010	P9: Oak Ridge Drive (E), replaced 227 linear feet of 8" VC pipe (004-080 to NEW SMH)	8,640 gpd				
	June 21, 2010	P9: Pearl Street, replaced 135 linear feet of 10" VC pipe (032-017 to 032-017A)	2,160 gpd				
	June 28, 2010	P9: No. Warren Avenue, replaced 324 linear feet of 10" VC pipe (037-136C to 037-136B)	360 gpd				
	May 26, 2010	P9: Oak Ridge Drive, replaced 169 linear feet of 12" VC pipe (004-080 to 004-079)	32,560 gpd				
	April 5, 2010	P9: Reservoir Street, replaced 9 linear feet of 12" VC pipe STA 0+10 to 0+19 (002-107 to 002-105A)					
	June 23, 2010	P9: Portland Street, CIPP Liner 225 lf of 8" VC pipe (059-035 to 059-034)	1,701 gpd				
	June 23, 2010	P9: Bernice Avenue, CIPP Liner 160 lf of 8"VC pipe (025-050 to 025-048)	1,400 gpd				
	June 23, 2010	P9: Bernice Avenue, CIPP Liner 275 lf of 8" VC pipe (025-048 to 025-045)					
	June 24, 2010	P9: Bay State Gas, CIPP Liner 178 lf of 12" VC pipe (031-002 to 031-001)	7,724 gpd				
	June 24, 2010	P9: Reservoir St., CIPP Liner 255 lf of 12" VC pipe (002-107 to 002-105A)	1,267 gpd				
	June 25, 2010	P9: No. Main St., CIPP Liner 335 lf of 12" VC pipe (037-089 to 037-085)	2,605 gpd				
	Apr. 23, 2010	P9: West Street, 9.65 VF of Manhole Lining at Sewer Manhole 015-020					
	Apr. 23, 2010	P9: Montauk Road, 6.9 VF of Manhole Lining at Sewer Manhole 007-124					
	May 4, 2010	P9: Westgate Mall, 5.5 VF of Manhole Lining at Sewer Manhole 003-029					
	May 4, 2010	P9: Westgate Mall, 9.6 VF of Manhole Lining at Sewer Manhole 003-030					
	May 4, 2010	P9: Westgate Mall, 10.2 VF of Manhole Lining at Sewer Manhole 003-031					
	May 5, 2010	P9: Moraine Street, 10.1 VF of Manhole Lining at Sewer Manhole 014-016					
	May 5, 2010	P9: Colonel Bell Dr., 7.2 VF of Manhole Lining at Sewer Manhole 004-005					
	May 5, 2010	P9: Colonel Bell Dr., repaired pipe connections, 6.2 VF of Manhole Lining at Sewer Manhole 004-004					
	May 5, 2010	P9: Studley Avenue, 7 VF of Manhole Lining at Sewer Manhole 036-162					
	May 5, 2010	P9: Haverhill Street, 9 VF of Manhole Lining at Sewer Manhole 041-071					
	May 6, 2010	P9: Dixon Road, 6.6 VF of Manhole Lining at Sewer Manhole 044-103					
	May 6, 2010	P9: Dandy Road, 8.2 VF of Manhole Lining at Sewer Manhole 044-076					
	May 6, 2010	P9: No. Cary Street, 7.4 VF of Manhole Lining at Sewer Manhole 004-117					
	May 6, 2010	P9: No. Cary Street, 7.4 VF of Manhole Lining at Sewer Manhole 004-117					
	May 6, 2010	P9: Haverhill Street, 9.3 VF of Manhole Lining at Sewer Manhole 041-073					
	May 7, 2010	P9: Court Street, 10.9 VF of Manhole Lining at Sewer Manhole 042-042					
	May 7, 2010	P9: Court Street, 10.2 VF of Manhole Lining at Sewer Manhole 042-039B					
	May 7, 2010	P9: Court Street, 10.5 VF of Manhole Lining at Sewer Manhole 042-039C					
	May 11, 2010	P9: Court Street, 16.2 VF of Manhole Lining at Sewer Manhole 042-003A					
	May 11, 2010	P9: Parker Street, 11.7 VF of Manhole Lining at Sewer Manhole 042-020					
	May 11, 2010	P9: Perry Street, 8.9 VF of Manhole Lining at Sewer Manhole 054-035A					
	May 11, 2010	P9: Perry Avenue, 8.7 VF of Manhole Lining at Sewer Manhole 054-035					
	May 13, 2010	P9: Perry Avenue, 7.7 VF of Manhole Lining at Sewer Manhole 054-038					
	May 13, 2010	P9: Washington Ave, reconstructed channel/shelf & 6.5 VF of Manhole Lining at Sewer Manhole 054-045B					
	May 13, 2010	P9: Draper Avenue, 4.5 VF of Manhole Lining at Sewer Manhole 054-034B					
	May 13, 2010	P9: Kingman Street, 7.9 VF of Manhole Lining at Sewer Manhole 054-030					
	May 13, 2010	P9: Henry Street, 8.2 VF of Manhole Lining at Sewer Manhole 054-022					

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates	Description of Work	Infiltration Removed	Flow in gallons per day			Exfiltration Source
				Inflow Removed	Total I/I per quarter		
	May 13, 2010	P9: Henry Street, 6.2 VF of Manhole Lining at Sewer Manhole 054-023					
	May 13, 2010	P9: Henry Street, 6.3 VF of Manhole Lining at Sewer Manhole 054-024					
	May 17, 2010	P9: Leach Avenue, 9.6 VF of Manhole Lining at Sewer Manhole 025-055					
	May 17, 2010	P9: Macy Avenue, 7.8 VF of Manhole Lining at Sewer Manhole 054-004B					
	May 18, 2010	P9: Lawson Terrace, 6.3 VF of Manhole Lining at Sewer Manhole 064-009B					
	May 18, 2010	P9: Country Club Lane, 14 VF of Manhole Lining at Sewer Manhole 033-012					
	May 18, 2010	P9: Menlo Street, repaired pipe connections & 13 VF of Manhole Lining at Sewer Manhole 025-034					
	May 18, 2010	P9: Hubbard Avenue, reconstruction manhole channel/shelf & 10 VF of Manhole Lining at Sewer Manhole 033-038					
	May 18, 2010	P9: Tremont Street, 4.1 VF of Manhole Lining at Sewer Manhole 023-017B					
	May 18, 2010	P9: Tremont Street, 6 VF of Manhole Lining at Sewer Manhole 023-017C					
	May 18, 2010	P9: Johnson Street, repaired pipe connections & 11.7 VF of Manhole Lining at Sewer Manhole 025-026					
	May 18, 2010	P9: Wilson Street, repaired pipe connection & 7.6 VF of Manhole Lining at Sewer Manhole 025-030B					
	May 20, 2010	P9: Langdon Street, 10 VF of Manhole Lining at Sewer Manhole 033-041					
	May 20, 2010	P9: Breer Circle, 7.5 VF of Manhole Lining at Sewer Manhole 028-095					
	May 20, 2010	P9: Annella Road, 6.6 VF of Manhole Lining at Sewer Manhole 044-054A					
	May 21, 2010	P9: Rosemary Street, reconstructed channel/shelf & 8 VF of Manhole Lining at Sewer Manhole 044-054					
	May 25, 2010	P9: Colgate Road, reconstructed channel/shelf & 6 VF of Manhole Lining at Sewer Manhole 044-028					
	May 25, 2010	P9: Waleco Road, reconstructed channel/shelf & 5.6 VF of Manhole Lining at Sewer Manhole 044-053					
	May 25, 2010	P9: Rosemary Street, reconstructed channel/shelf & 5 VF of Manhole Lining at Sewer Manhole 044-049					
	May 25, 2010	P9: Rosemary Street, 5.5 VF of Manhole Lining at Sewer Manhole 044-050					
	May 25, 2010	P9: Rosemary Street, reconst channel/shelf, repaired cone & 5.8 VF of Manhole Lining at Sewer Manhole 044-051					
	May 25, 2010	P9: Annella Road, reconstructed channel/shelf, repaired cone & 7.1 VF of Manhole Lining at Sewer Manhole 044-066					
	May 25, 2010	P9: Baldwin Road, 6.1 VF of Manhole Lining at Sewer Manhole 044-030					
	May 25, 2010	P9: Baldwin Road, 6.4 VF of Manhole Lining at Sewer Manhole 044-031					
	May 26, 2010	P9: K-Mart, 8 VF of Manhole Lining at Sewer Manhole 034-12F					
	May 26, 2010	P9: K-Mart, repaired pipe connections & 8.7 VF of Manhole Lining at Sewer Manhole 034-012E					
	May 26, 2010	P9: K-Mart, 8 VF of Manhole Lining at Sewer Manhole 034-012G					
	May 26, 2010	P9: Southland Terrace, 9.2 VF of Manhole Lining at Sewer Manhole 034-017					
	May 26, 2010	P9: Southland Terrace, 3.7 VF of Manhole Lining at Sewer Manhole 034-020					
	May 27, 2010	P9: Nicholson Road, repaired cone & 8.8 VF of Manhole Lining at Sewer Manhole 044-044					
	May 27, 2010	P9: Public Storage, 12.7 VF of Manhole Lining at Sewer Manhole 105-008A					
	May 27, 2010	P9: Public Storage, 10.9 VF of Manhole Lining at Sewer Manhole 105-005A					
	May 27, 2010	P9: Kawasaki Dealer, 14.6 VF of Manhole Lining at Sewer Manhole 105-007A					
	June 1, 2010	P9: Portland Street, repaired pipe connections & 8.1 VF of Manhole Lining at Sewer Manhole 059-034					
	June 1, 2010	P9: Thatcher Square, repaired pipe connections & 5.9 VF of Manhole Lining at Sewer Manhole 058-024A					
	June 1, 2010	P9: Libby Street, reconstructed channel/shelf & 11.3 VF of Manhole Lining at Sewer Manhole 049-076B					
	June 1, 2010	P9: Libby Street, 11.4 VF of Manhole Lining at Sewer Manhole 049-076C					
	June 1, 2010	P9: Gloucester St, 5.3 VF of Manhole Lining at Sewer Manhole 046-026					
	June 2, 2010	P9: W. Chestnut St., 5.3 VF of Manhole Lining at Sewer Manhole 030-072					
	June 2, 2010	P9: Centre St., 8.4 VF of Manhole Lining at Sewer Manhole 049-146					
	June 2, 2010	P9: Crescent St, 10.4 VF of Manhole Lining at Sewer Manhole 054-004					
	June 2, 2010	P9: Copeland St, 9.2 VF of Manhole Lining at Sewer Manhole 024-054					
	June 2, 2010	P9: Haywood Avenue, 3.1 VF of Manhole Lining at Sewer Manhole 034-031					
	June 2, 2010	P9: Bates Street, 5.4 VF of Manhole Lining at Sewer Manhole 046-028					
	June 2, 2010	P9: Lawn Street, reconstructed channel/shelf & 9.8 VF of Manhole Lining at Sewer Manhole 054-017					
	June 3, 2010	P9: Riverview Street, 12.9 VF of Manhole Lining at Sewer Manhole 057-001A					
	June 3, 2010	P9: Easement, 11.1 VF of Manhole Lining at Sewer Manhole 057-002A					
	June 3, 2010	P9: Easement, 12.2 VF of Manhole Lining at Sewer Manhole 057-003B					
	June 3, 2010	P9: Malvern Road, 9.2 VF of Manhole Lining at Sewer Manhole 014-019					
	June 8, 2010	P9: Ease. @ Massasoit, 7.9 VF of Manhole Lining at Sewer Manhole 059-029A					
	June 8, 2010	P9: Lawson Terrace, 5.4 VF of Manhole Lining at Sewer Manhole 064-009A					
	June 8, 2010	P9: Belcher St.Ease, 8.6 VF of Manhole Lining at Sewer Manhole 014-049					

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		
				Inflow Removed	Total I/I per quarter	Exfiltration Source
	June 8, 2010	P9: River St. Ease, repaired pipe connections & 9.8 VF of Manhole Lining at Sewer Manhole 042-012A				
	June 9, 2010	P9: E. Ashland Ease., 13 VF of Manhole Lining at Sewer Manhole 040-002				
	June 9, 2010	P9: Thatcher St. Pump Sta., 19.6 VF of Manhole Lining at Sewer Manhole 059-002				
	June 9, 2010	P9: E. Ashland Ease., 15.7 VF of Manhole Lining at Sewer Manhole 040-001				
	June 10, 2010	P9: Carroll Ave, reconstructed channel/shelf & 9.3 VF of Manhole Lining at Sewer Manhole 023-038				
	June 10, 2010	P9: Thatcher St. Pump Sta., 20.6 VF of Manhole Lining at Sewer Manhole 059-007				
	June 10, 2010	P9: Portland St., repaired pipe connections & 8.2 VF of Manhole Lining at Sewer Manhole 059-035				
	June 10, 2010	P9: Sunset Avenue, reconstruct channel/shelf & 7.7 VF of Manhole Lining at Sewer Manhole 025-040				
	June 10, 2010	P9: Bernice Ave, reconstructed channel/shelf & 8 VF of Manhole Lining at Sewer Manhole 025-048				
	June 10, 2010	P9: Woodard Ave, reconstructed channel/shelf & 10.2 VF of Manhole Lining at Sewer Manhole 025-003				
	June 14, 2010	P9: Albion Street, reconstructed channel/shelf & 8.9 VF of Manhole Lining at Sewer Manhole 038-053				
	June 14, 2010	P9: Elm View Terrace, reconstructed channel/shelf & 7.8 VF of Manhole Lining at Sewer Manhole 015-008				
	June 14, 2010	P9: Oakdale Street, 6.9 VF of Manhole Lining at Sewer Manhole 006-082				
	June 14, 2010	P9: French Avenue, reconstructed channel/shelf & 8.6 VF of Manhole Lining at Sewer Manhole 023-034				
	June 14, 2010	P9: French Avenue, reconstructed channel/shelf & 8.4 VF of Manhole Lining at Sewer Manhole 023-032				
	June 15, 2010	P9: East Westgate Dr, reconstructed channel/shelf & 8.5 VF of Manhole Lining at Sewer Manhole 007-127G				
	June 15, 2010	P9: Walnut Street, 7.5 VF of Manhole Lining at Sewer Manhole 041-074				
	June 16, 2010	P9: Montauk Road, 10.6 VF of Manhole Lining at Sewer Manhole 007-119				
	June 16, 2010	P9: Morrison Road, reconstructed shelf, repaired pipe connection, and 4.9 VF of Manhole Lining at Sewer Manhole 060-028D				
	June 23, 2010	P9: Easement, 9 VF of Manhole Lining at Sewer Manhole 042-001D				
	June 23, 2010	P9: Easement, 11.8 VF of Manhole Lining at Sewer Manhole 040-003A				
	June 24, 2010	P9: Easement, 5.8 VF of Manhole Lining at Sewer Manhole 057-001D				
	May 18, 2010	P9: Wilson Street, 11.9 VF of Manhole Lining at Sewer Manhole 025-031				
	COMP	P9: Gannett Road, 9.2 VF of Manhole Lining at Sewer Manhole 057-004				
	Apr. 19, 2010	P9: West Street, repaired pipe connections at sewer manhole 014-080				
	Apr. 19, 2010	P9: Westgate Drive, repaired pipe connections at sewer manhole 007-127E				
	Apr. 20, 2010	P9: Wheeler Avenue, repaired pipe connections at sewer manhole 007-100				
	Apr. 20, 2010	P9: Coventry Circle, repaired pipe connections at sewer manhole 004-024A				
	Apr. 22, 2010	P9: Colonel Bell Drive, repaired pipe connections at sewer manhole 004-007				
	Apr. 22, 2010	P9: Trudy Terrace, repaired pipe connections at sewer manhole 004-052				
	Apr. 29, 2010	P9: Dagmar Drive, repaired pipe connections at sewer manhole 004-103				
	Apr. 30, 2010	P9: Portland Street, repaired pipe connections at sewer manhole 059-031				
	May 13, 2010	P9: Moulton Street, repaired pipe connections at sewer manhole 054-077				
	May 17, 2010	P9: Old Ash Street, repaired pipe connections at sewer manhole 029-008				
	May 17, 2010	P9: Myrtle Street, repaired pipe connections at sewer manhole 022-034				
	May 17, 2010	P9: Glen Avenue, repaired pipe connections at sewer manhole 064-021A				
	May 17, 2010	P9: Oakside Avenue, repaired pipe connections at sewer manhole 033-025				
	May 17, 2010	P9: Hubbard Avenue, repaired pipe connections at sewer manhole 034-037				
	May 17, 2010	P9: Glendale Road, repaired pipe connections at sewer manhole 034-036A				
	May 18, 2010	P9: Langdon Road Ease, repaired pipe connections at sewer manhole 064-013				
	May 25, 2010	P9: Fieldstone Drive, repaired pipe connections at sewer manhole 033-041B				
	May 25, 2010	P9: Southland Terrace, repaired pipe connections at sewer manhole 034-026				
	May 25, 2010	P9: K-Mart, repaired pipe connections at sewer manhole 034-012I, 034-12K,034-12C,034-12I				
	June 1, 2010	P9: Gloucester St., repaired pipe connections at sewer manhole 049-079A				
	June 1, 2010	P9: Falconer Ave, repaired pipe connections at sewer manhole 027-053				
	June 1, 2010	P9: Baxendale Terr., repaired pipe connections at sewer manhole 006-082				
	June 1, 2010	P9: Bryant Ave., repaired pipe connections at sewer manhole 007-111				
	June 1, 2010	P9: Tilton Ave., repaired pipe connections at sewer manhole 007-112				
	June 7, 2010	P9: Court Street, repaired pipe connections at sewer manhole 053-34B				
	May 10, 2010	P9: Orchard Avenue, reconstructed channel/shelf at sewer manhole 037-128				
	May 10, 2010	P9: Wateco Road, reconstructed channel/shelf at sewer manhole 044-053				
	May 10, 2010	P9: Rosemary Street, reconstructed channel/shelf at sewer manhole 044-049				

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		Total I/I per quarter	Exfiltration Source
				Inflow Removed			
	May 10, 2010	P9: Colgate Road, reconstructed channel/shelf at sewer manhole 044-028					
	May 11, 2010	P9: Bishop Street, reconstructed channel/shelf at sewer manhole 043-086A					
	May 11, 2010	P9: Montvale Ave, reconstructed channel/shelf at sewer manhole 050-023					
	May 11, 2010	P9: Kathleen Road, reconstructed channel/shelf at sewer manhole 053-064					
	May 11, 2010	P9: Douglas Road, reconstructed channel/shelf at sewer manhole 049-084					
	May 11, 2010	P9: Sherman Street, reconstructed channel/shelf at sewer manhole 053-091					
	May 12, 2010	P9: Early Street, reconstructed channel/shelf at sewer manhole 049-182					
	May 12, 2010	P9: Tyler Street, reconstructed channel/shelf at sewer manhole 055-031R					
	May 12, 2010	P9: Montauk Roa, reconstructed channel/shelf at sewer manhole 007-123					
	May 12, 2010	P9: Bernice Avenue, reconstructed channel/shelf at sewer manhole 025-050					
	May 13, 2010	P9: French Avenue, reconstructed channel/shelf at sewer manhole 023-032					
	May 13, 2010	P9: Center Street, reconstructed channel/shelf at sewer manhole 049-047					
	May 13, 2010	P9: French Avenue, reconstructed channel/shelf at sewer manhole 023-034					
	May 13, 2010	P9: French Avenue, reconstructed channel/shelf at sewer manhole 023-027					
	May 13, 2010	P9: Jane Terrace, reconstructed channel/shelf at sewer manhole 033-022					
	May 14, 2010	P9: Newton Avenue, reconstructed channel/shelf at sewer manhole 036-117					
	May 14, 2010	P9: No. Montello, reconstructed channel/shelf at sewer manhole 035-115					
	May 14, 2010	P9: Hanson Street, reconstructed channel/shelf at sewer manhole 047-045					
	May 14, 2010	P9: Clifford Avenue, reconstructed channel/shelf at sewer manhole 036-124					
	May 14, 2010	P9: Coventry Circle, reconstructed channel/shelf at sewer manhole 043-039B					
	May 14, 2010	P9: Hubbard Avenue, reconstructed channel/shelf at sewer manhole 033-038					
	May 18, 2010	P9: Orchard Avenue, reconstructed channel/shelf at sewer manhole 037-128					
	May 20, 2010	P9: Hillberg Ave., reconstructed channel/shelf at sewer manhole 027-066B					
	May 21, 2010	P9: Washington Ave., reconstructed channel/shelf at sewer manhole 054-045B					
	May 21, 2010	P9: Morrison Road, reconstructed channel/shelf at sewer manhole 060-028C					
	May 21, 2010	P9: Court Street, reconstructed channel/shelf at sewer manhole 050-014					
	May 21, 2010	P9: Montauk Road, reconstructed channel/shelf at sewer manhole 007-120					
	June 4, 2010	P9: Summer Street, reconstructed channel/shelf at sewer manhole 058-001A					
	June 4, 2010	P9: Thatcher Street, reconstructed channel/shelf at sewer manhole 058-024					
	June 4, 2010	P9: Addison Street, reconstructed channel/shelf at sewer manhole 035-100					
	June 7, 2010	P9: East Avenue, reconstructed channel/shelf at sewer manhole 060-028F					
	June 7, 2010	P9: No. Warren Ave., reconstructed channel/shelf at sewer manhole 039-034A					
	June 7, 2010	P9: Court Street, reconstructed channel/shelf & repaired pipe connections at sewer manhole 053-34B					
	June 14, 2010	P9: Pearl Street, reconstructed channel/shelf at sewer manhole 031-017A					
	Apr - Jun 2010	P9: TOTAL:168 sewer manholes rehabilitated this quarter	205,200 gpd				
	April 21, 2010	P8: Virginia Avenue , 6.4 VF of Manhole Lining at Sewer Manhole 060-045					
	April 28, 2010	P8: Keri-Anne Dr. Easement, 4.7 VF of Manhole Lining at Sewer Manhole 065-098B					
	April 28, 2010	P8: Norwood Street, 7.1 VF of Manhole Lining at Sewer Manhole 060-048					
	April 29, 2010	P8: Burdett Rd. Easement, 5.5 VF of Manhole Lining at Sewer Manhole 065-098					
	May 12, 2010	P8: Norwood Street, 6.9 VF of Manhole Lining at Sewer Manhole 060-041					
	May 18, 2010	P8: Ferris Avenue, 7.3 VF of Manhole Lining at Sewer Manhole 060-035					
	May 18, 2010	P8: Brentwood Avenue, 8.5 VF of Manhole Lining at Sewer Manhole 060-032					
	May 19, 2010	P8: Dudley Street, 6.3 VF of Manhole Lining at Sewer Manhole 057-036					
	May 19, 2010	P8: Dudley Street, 5.8 VF of Manhole Lining at Sewer Manhole 057-041A					
	May 19, 2010	P8: Blueberry Circle, 6.3 VF of Manhole Lining at Sewer Manhole 057-038					
	May 19, 2010	P8: Blueberry Circle, 6.5 VF of Manhole Lining at Sewer Manhole 057-038A					
	May 19, 2010	P8: Blueberry Circle, 6.3 VF of Manhole Lining at Sewer Manhole 057-039A					
	May 19, 2010	P8: Norwood Street, 6.5 VF of Manhole Lining at Sewer Manhole 060-041A					
	May 19, 2010	P8: Kenneth Avenue, 6.4 VF of Manhole Lining at Sewer Manhole 060-050					
	May 19, 2010	P8: Mary Anne Avenue, 6.5 VF of Manhole Lining at Sewer Manhole 060-054					
	May 19, 2010	P8: Litchfield Terrace, 7.8 VF of Manhole Lining at Sewer Manhole 065-100					
	May 19, 2010	P8: Litchfield Terrace, 7.6 VF of Manhole Lining at Sewer Manhole 065-099					

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		Total I/I per quarter	Exfiltration Source
				Inflow Removed			
	May 19, 2010	P8: Litchfield Terrace Easement, 5.3 VF of Manhole Lining at Sewer Manhole 065-098A					
	May 19, 2010	P8: Wachusett Road, 6.2 VF of Manhole Lining at Sewer Manhole 068-094					
	May 24, 2010	P8: Wyman Street, 8.2 VF of Manhole Lining at Sewer Manhole 041-103					
	May 24, 2010	P8: Wyman Street, 7.5 VF of Manhole Lining at Sewer Manhole 041-113					
	May 24, 2010	P8: Walnut Street, 8.1 VF of Manhole Lining at Sewer Manhole 041-078					
	May 24, 2010	P8: Cricket Street, 6.8 VF of Manhole Lining at Sewer Manhole 004-062A					
	May 27, 2010	P8: Riverview Street, 8.1 VF of Manhole Lining at Sewer Manhole 060-002A					
	May 27, 2010	P8: Summer Street, 9.2 VF of Manhole Lining at Sewer Manhole 060-056					
	May 27, 2010	P8: East Street, 9.3 VF of Manhole Lining at Sewer Manhole 060-072I					
	May 27, 2010	P8: East Street, 8.6 VF of Manhole Lining at Sewer Manhole 060-072S					
	May 27, 2010	P8: East Street, 6.5 VF of Manhole Lining at Sewer Manhole 065-014A					
	May 27, 2010	P8: Sinclair Street, 8.1 VF of Manhole Lining at Sewer Manhole 065-037A					
	May 27, 2010	P8: Carl Avenue, 10.2 VF of Manhole Lining at Sewer Manhole 065-006					
	May 27, 2010	P8: East Street Easement, 8.3 VF of Manhole Lining at Sewer Manhole 008-ABC					
	May 27, 2010	P8: Burdett Road, 6.9 VF of Manhole Lining at Sewer Manhole 065-096					
	May 27, 2010	P8: Summer Street, 8.7 VF of Manhole Lining at Sewer Manhole 063-022					
	May 27, 2010	P8: Fitzgerald Avenue, 5.5 VF of Manhole Lining at Sewer Manhole 005-104					
	May 27, 2010	P8: Fitzgerald Circle, 5 VF of Manhole Lining at Sewer Manhole 005-099A					
	June 1, 2010	P8: Wallace Avenue, 5.7 VF of Manhole Lining at Sewer Manhole 063-041					
	June 10, 2010	P8: Darren Drive, 7.8 VF of Manhole Lining at Sewer Manhole 001-047					
	June 10, 2010	P8: Leah Drive, 6.2 VF of Manhole Lining at Sewer Manhole 001-052					
	June 10, 2010	P8: Leah Drive, 6.3 VF of Manhole Lining at Sewer Manhole 001-051					
	June 10, 2010	P8: Westhaven Drive, 6.8 VF of Manhole Lining at Sewer Manhole 001-050					
	June 10, 2010	P8: Darren Drive, 6.3 VF of Manhole Lining at Sewer Manhole 001-0145					
	June 10, 2010	P8: Cumberland Drive, 6.7 VF of Manhole Lining at Sewer Manhole 001-043					
	June 10, 2010	P8: Calumet Drive, 7.3 VF of Manhole Lining at Sewer Manhole 001-035					
	June 10, 2010	P8: Calumet Drive, 7.1 VF of Manhole Lining at Sewer Manhole 001-035A					
	June 10, 2010	P8: Wellfleet Drive, 6.2 VF of Manhole Lining at Sewer Manhole 001-036					
	June 14, 2010	P8: Westhaven Drive, 7.2 VF of Manhole Lining at Sewer Manhole 001-049					
	June 14, 2010	P8: Globe Road, 8.5 VF of Manhole Lining at Sewer Manhole 001-083					
	June 14, 2010	P8: Globe Road, 6.1 VF of Manhole Lining at Sewer Manhole 001-086					
	June 14, 2010	P8: Hancock Avenue, 7.7 VF of Manhole Lining at Sewer Manhole 009-086					
	June 14, 2010	P8: Hancock Avenue, 7 VF of Manhole Lining at Sewer Manhole 002-026					
	June 14, 2010	P8: Irving Avenue, 5.8 VF of Manhole Lining at Sewer Manhole 002-025					
	June 14, 2010	P8: Cushman Place, 7.9 VF of Manhole Lining at Sewer Manhole 002-049					
	June 14, 2010	P8: Dartmouth Street, 8.4 VF of Manhole Lining at Sewer Manhole 009-084					
	June 15, 2010	P8: Messina Drive, 7.5 VF of Manhole Lining at Sewer Manhole 001-033B					
	June 16, 2010	P8: Candy Lane, 8.9 VF of Manhole Lining at Sewer Manhole 009-021					
	June 16, 2010	P8: Candy Lane, 6.4 VF of Manhole Lining at Sewer Manhole 009-033					
	June 16, 2010	P8: Candy Lane, 6.9 VF of Manhole Lining at Sewer Manhole 009-034					
	June 16, 2010	P8: Candy Lane, 6.8 VF of Manhole Lining at Sewer Manhole 009-035					
	June 16, 2010	P8: Candy Lane, 7.1 VF of Manhole Lining at Sewer Manhole 009-038A					
	June 23, 2010	P8: Reservoir Street, 8.3 VF of Manhole Lining at Sewer Manhole 002-090					
	June 23, 2010	P8: Reservoir Street, 8.5 VF of Manhole Lining at Sewer Manhole 002-090D					
	June 23, 2010	P8: Reservoir Street, 7.2 VF of Manhole Lining at Sewer Manhole 002-104B					
	June 23, 2010	P8: Reservoir Street, 6.8 VF of Manhole Lining at Sewer Manhole 002-104C					
	June 23, 2010	P8: Pines Apartments, 6.1 VF of Manhole Lining at Sewer Manhole 002-205B					
	June 23, 2010	P8: Irma Road, 6 VF of Manhole Lining at Sewer Manhole 001-092					
	June 23, 2010	P8: Tiffany Drive, 8.4 VF of Manhole Lining at Sewer Manhole 032-056					
	June 23, 2010	P8: Tiffany Drive, 7.5 VF of Manhole Lining at Sewer Manhole 032-055					
	June 23, 2010	P8: Hatchfield Drive, 4.5 VF of Manhole Lining at Sewer Manhole 032-055B					
	June 23, 2010	P8: Van Cliff Avenue, 5.6 VF of Manhole Lining at Sewer Manhole 032-053					

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates	Work Performed	Description of Work	Flow in gallons per day			Exfiltration Source
				Infiltration Removed	Inflow Removed	Total I/I per quarter	
	June 23, 2010	P8:	Tiffany Drive, 8.9 VF of Manhole Lining at Sewer Manhole 032-052				
	June 23, 2010	P8:	Van Cliff Avenue, 7.2 VF of Manhole Lining at Sewer Manhole 032-061				
	June 23, 2010	P8:	Gladwood Street, 7.3 VF of Manhole Lining at Sewer Manhole 032-073				
	June 23, 2010	P8:	Yolanda Drive, 5.7 VF of Manhole Lining at Sewer Manhole 032-066A				
	June 23, 2010	P8:	Yolanda Drive, 5.8 VF of Manhole Lining at Sewer Manhole 032-066				
	June 23, 2010	P8:	Conant Drive, 5.4 VF of Manhole Lining at Sewer Manhole 032-062				
	June 23, 2010	P8:	Mill Street, 5.8 VF of Manhole Lining at Sewer Manhole 030-057				
	June 23, 2010	P8:	Brewster Road, 5 VF of Manhole Lining at Sewer Manhole 028-036				
	June 23, 2010	P8:	Dawes Road, 5.5 VF of Manhole Lining at Sewer Manhole 031-033				
	June 23, 2010	P8:	Dawes Road, 6.3 VF of Manhole Lining at Sewer Manhole 031-036				
	June 23, 2010	P8:	Pondview Circle, 7.4 VF of Manhole Lining at Sewer Manhole 031-078				
	June 23, 2010	P8:	Breamoor Road, 10.9 VF of Manhole Lining at Sewer Manhole 012-065				
	June 23, 2010	P8:	Elm Street, 7.1 VF of Manhole Lining at Sewer Manhole 011-011A				
	June 23, 2010	P8:	Elm Street, 6.7 VF of Manhole Lining at Sewer Manhole 011-011B				
	June 23, 2010	P8:	Margery Road, 6.7 VF of Manhole Lining at Sewer Manhole 009-042				
	June 23, 2010	P8:	Santee Road, 4.9 VF of Manhole Lining at Sewer Manhole 009-039				
	June 23, 2010	P8:	Powder Road, 6.7 VF of Manhole Lining at Sewer Manhole 009-060				
	June 23, 2010	P8:	Cross Avenue, 6 VF of Manhole Lining at Sewer Manhole 005-127				
	June 24, 2010	P8:	Eaton Street, 4.9 VF of Manhole Lining at Sewer Manhole 005-150K				
	June 24, 2010	P8:	Brian Drive, 10.2 VF of Manhole Lining at Sewer Manhole 031-049				
	June 28, 2010	P8:	Baystate Gas Access Road, 8.5 VF of Manhole Lining at Sewer Manhole 031-002				
	June 29, 2010	P8:	Santee Road Easement, 5 VF of Manhole Lining at Sewer Manhole 009-056				
	June 29, 2010	P8:	Calvin Street Easement, 6.2 VF of Manhole Lining at Sewer Manhole 031-018				
	June 29, 2010	P8:	Calvin Street Easement, 5.9 VF of Manhole Lining at Sewer Manhole 031-020				
	June 29, 2010	P8:	Calvin Street Easement, 6.4 VF of Manhole Lining at Sewer Manhole 031-021				
	June 29, 2010	P8:	Cass Road, 7.6 VF of Manhole Lining at Sewer Manhole 009-022				
	June 30, 2010	P8:	Dawes Rd/Calvin Easement, 4.7 VF of Manhole Lining at Sewer Manhole 031-030				
	June 30, 2010	P8:	Pondview Cir Easement, 6.3 VF of Manhole Lining at Sewer Manhole 031-084				
	June 30, 2010	P8:	Union Street, 11.9 VF of Manhole Lining at Sewer Manhole 056-025				
	June 30, 2010	P8:	Belmont Street Easement, 7.1 VF of Manhole Lining at Sewer Manhole 032-075				
	April 2010-Jun 2010	P8:	Rehabilitation of 4 sewer manhole channels and shelves				
	April 2010-Jun 2010	P8:	Rehabilitation of 4 sewer manhole pipe connections				
	April 2010-Jun 2010	P8:	MANHOLE REHABILITATION	110,800 gpd			
	June 30, 2010	P8:	Sumner St.,T&S 228 If of 15" VC pipe (001-060 to 001-059)	3,066 gpd			
	June 30, 2010	P8:	Sumner St.,T&S 296 If of 15" RC pipe (001-061 to 001-060)	2,961 gpd			
	June 29, 2010	P8:	Sumner St.,T&S 301 If of 15" RC pipe (001-062 to 001-061)	2,377 gpd			
	June 24, 2010	P8:	Sumner St.,T&S 252 If of 15" RC pipe (001-072 to 001-071)	1,980 gpd			
	June 24, 2010	P8:	West Elm Ext.,T&S 229 If of 10" VC pipe (009-016 to 009-015)	1,800 gpd			
	June 22, 2010	P8:	West Elm Ext.,T&S 314 If of 10" VC pipe (009-017 to 009-016)	2,880 gpd			
	June 30, 2010	P8:	Tiffany Dr.,T&S 243 If of 15" VC pipe (032-054 to 032-052)	3,060 gpd			
	June 15, 2010	P8:	Riverview St.,T&S 240 If of 8" VC pipe (060-016 to 060-016A)	1,695 gpd			
	June 16, 2010	P8:	Oakland St.,T&S 248 If of 10" VC pipe (060-072L to 060-072K)	2,485 gpd			
	June 16, 2010	P8:	Oakland St.,T&S 267 If of 10" VC pipe (060-072O to 060-072N)	4,464 gpd			
	June 22, 2010	P8:	Carl Ave.,T&S 301 If of 10" VC pipe (064-005 to 065-004)	1,449 gpd			
	June 3, 2010	P8:	East St.,T&S 351 If of 8" VC pipe (065-005A to 065-006A)	4,140 gpd			
	June 15, 2010	P8:	Carl Ave.,T&S 298 If of 8" VC pipe (065-008 to 065-007)	5,040 gpd			
	June 2, 2010	P8:	East St.,T&S 102 If of 8" VC pipe (065-007A to 065-008B)	1,440 gpd			
	June 2, 2010	P8:	Driveway,T&S 177 If of 8" VC pipe (065-008A to 065-008C)	1,440 gpd			
	June 2, 2010	P8:	East St.,T&S 152 If of 8" VC pipe (065-008B to 065-008A)	1,800 gpd			
	June 8, 2010	P8:	Carl Avenue,T&S 296 If of 8" VC pipe (065-009 to 065-008)	2,683 gpd			
	June 17, 2010	P8:	Foothill Rd.,T&S 145 If of 8" VC pipe (065-016A to 065-017A)	638 gpd			
	June 9, 2010	P8:	Plain St,T&S 263 If of 8" VC pipe (065-021 to 065-002)	645 gpd			

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates	Description of Work	Infiltration Removed	Flow in gallons per day		Exfiltration Source
				Inflow Removed	Total I/I per quarter	
	June 9, 2010	P8: Schultz Rd., T&S 296 lf of 10" VC pipe (065-028 to 065-021)	6,649 gpd			
	June 7, 2010	P8: Sinclair Rd., T&S 311 lf of 8" VC pipe (065-037 to 065-036)	720 gpd			
	June 7, 2010	P8: Tufts Cir., T&S 250 lf of 8" VC pipe (065-045 to 065-044)	638 gpd			
	June 7, 2010	P8: Ithica Rd., T&S 310 lf of 8" VC pipe (065-047 to 065-046)	630 gpd			
	June 4, 2010	P8: Ithica Rd., T&S 188 lf of 8" VC pipe (065-048 to 065-047)	1,041 gpd			
	June 4, 2010	P8: Ithica Rd., T&S 299 lf of 8" VC pipe (065-048 to 065-049)	1,825 gpd			
	June 4, 2010	P8: Flint Rd., T&S 118 lf of 8" VC pipe (065-048 to 065-048A)	836 gpd			
	June 1, 2010	P8: Southfield Dr., T&S 247 lf of 8" VC pipe (065-065 to 065-066)	2,880 gpd			
	June 8, 2010	P8: Paulin Ave., T&S 318 lf of 8" VC pipe (065-069 to 065-068)	1,016 gpd			
	June 14, 2010	P8: Dondi Rd., T&S 257 lf of 8" VC pipe (065-083 to 065-082)	1,080 gpd			
	June 14, 2010	P8: Burdett St., T&S 298 lf of 8" VC pipe (065-092 to 065-077)	1,852 gpd			
	June 1, 2010	P8: Mesa Rd., T&S 306 lf of 8" VC pipe (065-093 to 065-092)	2,051 gpd			
	June 14, 2010	P8: Burdett St., T&S 195 lf of 10" VC pipe (065-095 to 065-092)	1,440 gpd			
	June 17, 2010	P8: Sumner St., CIPP Liner 302 lf of 15" VC pipe (001-059 to 001-058)	1,930 gpd			
	June 16, 2010	P8: Sumner St., CIPP Liner 256 lf of 15" VC pipe (001-063 to 001-062)	3,615 gpd			
	May 18, 2010	P8: Leah Dr., CIPP Liner 245 lf of 8" VC pipe (001-065 to 001-064)	1,080 gpd			
	May 19, 2010	P8: Leah Dr., CIPP Liner 294 lf of 8" VC pipe (001-066 to 001-065)	2,160 gpd			
	May 18, 2010	P8: Leah Dr., CIPP Liner 294 lf of 8" VC pipe (001-067 to 001-065)	360 gpd			
	June 14, 2010	P8: Sumner St., CIPP Liner 305 lf of 15" VC pipe (001-070 to 001-064)	1,940 gpd			
	June 15, 2010	P8: Sumner St., CIPP Liner 251 lf of 15" VC pipe (001-071 to 001-070)	3,615 gpd			
	June 16, 2010	P8: Sumner St., CIPP Liner 289 lf of 15" VC pipe (001-073 to 001-072)	1,627 gpd			
	June 21, 2010	P8: Brown St., CIPP Liner 120 lf of 8" VC pipe (001-076 to 001-075)	180 gpd			
	May 13, 2010	P8: Brown St., CIPP Liner 236 lf of 8" VC pipe (001-077 to 001-077A)	1,080 gpd			
	May 13, 2010	P8: Ray Ave., CIPP Liner 288 lf of 8" VC pipe (001-082 to 001-081)	1,080 gpd			
	May 17, 2010	P8: Globe Road, CIPP Liner 234 lf of 8" VC pipe (001-082 to 001-083)	720 gpd			
	May 18, 2010	P8: Henley Terr. CIPP Liner 168 lf of 8" VC pipe (002-072 to 002-071)	1,125 gpd			
	May 17, 2010	P8: Henley Terr. CIPP Liner 195 lf of 10" VC pipe (002-073 to 002-074)	720 gpd			
	June 7, 2010	P8: Oak St., CIPP Liner 251 lf of 10" VC pipe (002-096 to 002-095)	1,449 gpd			
	June 7, 2010	P8: Oak St., CIPP Liner 195 lf of 10" VC pipe (002-097B to 002-097)	6,722 gpd			
	June 7, 2010	P8: Oak St., CIPP Liner 169 lf of 10" VC pipe (002-097 to 002-096)	1,080 gpd			
	June 22, 2010	P8: Oak St., CIPP Liner 293 lf of 10" VC pipe (002-201 to 002-200)	2,160 gpd			
	September 7, 1900	P8: Oak St., CIPP Liner 243 lf of 10" VC pipe (002-203 to 002-204)	13,500 gpd			
	May 24, 2010	P8: Cricket St., CIPP Liner 171 lf of 10" VC pipe (004-053 to 004-053A)	2,880 gpd			
	May 19, 2010	P8: Rene Rd., CIPP Liner 240 lf of 8" VC pipe (004-056 to 004-055)	1,800 gpd			
	May 20, 2010	P8: Raymond Rd., CIPP Liner 212 lf of 8" VC pipe (004-056A to 004-056)	90 gpd			
	May 20, 2010	P8: Crickett St., CIPP Liner 211 lf of 10" VC pipe (004-057 to 004-57A)	2,115 gpd			
	May 19, 2010	P8: Raymond Rd., CIPP Liner 77 lf of 8" VC pipe (004-058B to 004-057)	1,080 gpd			
	June 1, 2010	P8: Earle St., CIPP Liner 225 lf of 8" VC pipe (005-135 to 005-133)				
	May 24, 2010	P8: Clarendon Ave., CIPP Liner 145 lf of 10" VC pipe (031-023 to 031-022)	2,880 gpd			
	May 24, 2010	P8: West Lea Ter., CIPP Liner 104 lf of 8" VC pipe (032-019 to 032-018)	3,524 gpd			
	June 9, 2010	P8: Rainbow SQUARE, CIPP Liner 271 lf of 8" VC pipe (032-059G to 032-059F)	1,080 gpd			
	June 1, 2010	P8: Riverview St., CIPP Liner 250 lf of 8" VC pipe (060-002A to 060-002B)	7,345 gpd			
	June 4, 2010	P8: Concord St., CIPP Liner 375 lf of 8" VC pipe (060-002A to 060-005E)	1,080 gpd			
	June 7, 2010	P8: Shell Ave., CIPP Liner 154 lf of 8" VC pipe (060-016 to 060-017)	1,080 gpd			
	June 10, 2010	P8: Riverview St., CIPP Liner 260 lf of 8" VC pipe (060-027A to 060-016)	2,342 gpd			
	June 2, 2010	P8: Concord St., CIPP Liner 297 lf of 8" VC pipe (060-032 to 060-031)	1,800 gpd			
	June 2, 2010	P8: Brentwood Ave., CIPP Liner 243 lf of 8" VC pipe (060-033 to 060-032)	1,449 gpd			
	May 27, 2010	P8: Norwood St., CIPP Liner 240 lf of 8" VC pipe (060-052 to 060-056)	836 gpd			
	June 3, 2010	P8: Sumner St., CIPP Liner 451 lf of 8" VC pipe (060-056 to 060-058)	1,440 gpd			
	June 2, 2010	P8: Concord St., CIPP Liner 197 lf of 8" VC pipe (060-063 to 060-062)	2,342 gpd			
	June 1, 2010	P8: East St., CIPP Liner 238 lf of 10" VC pipe (060-072J to 060-072I)	1,449 gpd			
	June 23, 2010	P8: Kame St., CIPP Liner 255 lf of 8" VC pipe (060-072S to 060-072T)	7,920 gpd			

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates	Description of Work	Infiltration Removed	Flow in gallons per day		Total I/I per quarter	Exfiltration Source
				Inflow Removed			
	May 24, 2010	P8: Stockholm Avenue, CIPP Liner 193 lf of 12" VC pipe (064-011 to 064-010)	5,760 gpd				
	June 21, 2010	P8: East St., CIPP Liner 344 lf of 10" VC pipe (065-006A to 065-007A)	3,198 gpd				
	May 24, 2010	P8: Carl Ave., CIPP Liner 284 lf of 10" VC pipe (065-007 to 065-006)	2,904 gpd				
	June 23, 2010	P8: East St., CIPP Liner 272 lf of 10" VC pipe (065-009B to 065-009A)	1,440 gpd				
	May 26, 2010	P8: East St., CIPP Liner 295 lf of 10" VC pipe (065-010A to 065-012A)	720 gpd				
	May 25, 2010	P8: Plain St., CIPP Liner 200 lf of 8" VC pipe (065-022 to 065-021)	7,291 gpd				
	May 25, 2010	P8: Schultz Rd. CIPP Liner 157 lf of 10" VC pipe (065-036 to 065-035)	6,840 gpd				
	May 27, 2010	P8: Dondi Rd., CIPP Liner 296 lf of 8" VC pipe (065-084 to 065-083)	720 gpd				
	June 22, 2010	19-21 Studley Ave., replaced 7' of 8" PVC (036-162 to 036-163) see photos 277A & 277B					
	June 21, 2010	Opp of 80 Locust St., replaced 6' of 8" PVC 1+62 to 170 (036-130 to 036-128) see photos 276A & 276B					
	June 8, 2010	1265 Belmont St., replaced 5'-10" of 8" PVC (032-59F1 to 032-59E) see photos 275A & 275B					
	May 18, 2010	Fay Rd., replaced 13'-8" of 8" PVC 0+06 to 0+20 (043-017 to 043-018) see photos 274A & 274B					
	May 17, 2010	Opp of 3 Carrlyn Rd., replaced 3' of 8" PVC 0+69 to 0+75 (002-060A to 002-060) see photos 273A & 273B					X
	May 13, 2010	Opp of 23 Jacob St., replaced 14' of 8" PVC 0+86 to 1+00 (054-041 to 054-041A) see photos 272A & 272B					X
	May 11, 2010	Opp of 27 Jacob St., replaced 19' of 8" PVC 0+06 to 0+25 (054-041 to 054-041A) see photos 271A & 271B					X
	April 21, 2010	Opp of 45 Fulton St., replaced 3' of 8" PVC 0+86 to 0+89 (023-011 to 023-010) see photos 270A & 270B				628,388 gpd	
1st Quarter 2010	March 26, 2010	P9: Forest Avenue, replaced 11' of 8" PVC 2+80 to 2+91 (021-024 to 021-021)	180 gpd				
	March 26, 2010	P9: Forest Avenue, replaced 27' of 8" PVC 2+15 to 2+42 (021-026 to 021-024)	180 gpd				
	Jan 2010-March 2010	P8: Rehabilitation of 49 sewer manhole channels and shelves	35,280 gpd				
	Jan 2010-March 2010	P8: Rehabilitation of 162 sewer manhole pipe connections	80,720 gpd			116,360 gpd	
	September 30, 2009	P7: Sinclair Road, 20 VF of Manhole Lining & Pipe Connection Repair at Sewer Manhole 065-060					
	September 30, 2009	P7: Pump Station Drive, 15 VF of Manhole Lining at Sewer Manhole 059-003					
	September 30, 2009	P7: Pump Station Drive, 15 VF of Manhole Lining at Sewer Manhole 059-005					
	September 30, 2009	P7: Easement off of Elliot Street, 19 VF of Manhole Lining at Sewer Manhole 042-010B					
	September 30, 2009	P7: Southland Terrace, 11 VF of Manhole Lining & Pipe Connection Repair at Sewer Manhole 034-023					
	September 30, 2009	P7: Southland Terrace, 11 VF of Manhole Lining at Sewer Manhole 034-022					
	September 30, 2009	P7: Easement off of Southland Terrace, 15 VF of Manhole Lining at Sewer Manhole 034-016					
	September 30, 2009	P7: Easement off of Southland Terrace, 15 VF of Manhole Lining at Sewer Manhole 034-015					
	September 30, 2009	P7: Easement off of Southland Terrace, 15 VF of Manhole Lining at Sewer Manhole 034-014					
	September 30, 2009	P7: Skyview Drive, Pipe Connection Repair at Sewer Manhole 034-012					
	September 30, 2009	P7: Brockton High School R-O-W, 9 VF of Manhole Lining, Pipe Connection Repair, Shelf Repair at Sewer Manhole 028-002					
	September 30, 2009	P7: Southfield Drive, Remove and Replace 300' of 24" RC pipe (062-037 to 065-001A) - Pipe collapsed during CIPP Liner					X
	September 30, 2009	P7: Southfield Drive & Deanna Rd, CIPP Liner 314' of 24" RC pipe (065-088 to 065-001A)					
	September 30, 2009	P7: Sinclair Road, CIPP Liner 252' of 24" RC pipe (065-060 to 065-056)	900 gpd				
	September 30, 2009	P7: Sinclair Road, CIPP Liner 290' of 24" RC pipe (065-061 to 065-060)	5,760 gpd				
	September 30, 2009	P7: Sinclair Road, CIPP Liner 282' of 24" RC pipe (065-062 to 065-061)	11,700 gpd				
	September 30, 2009	P7: Sinclair Road, CIPP Liner 282' of 24" RC pipe (065-063 to 065-062)					
	September 30, 2009	P7: Easement off of Crescent Street, CIPP Liner 372' of 42" RC pipe (055-004 to 055-003)					
	September 30, 2009	P7: Center Street, CIPP Liner 262' of 27" RC pipe (047-005A to 047-004)					
	September 30, 2009	P7: Center Street, CIPP Liner 88' of 27" RC pipe (047-005 to 047-005A)					
	September 30, 2009	P7: Southland Terrace, CIPP Liner 244' of 30" RC pipe (034-023 to 034-022)					
	September 30, 2009	P7: Country Club Lane, CIPP Liner 195' of 36" RC pipe (033-051 to 033-004)					
	September 30, 2009	P7: Country Club Lane, CIPP Liner 304' of 36" RC pipe (033-052 to 033-051)					
	September 30, 2009	P7: Country Club Lane, CIPP Liner 336' of 36" RC pipe (033-053 to 033-052A)	360 gpd				
	September 30, 2009	P7: Easement thru Golf Course, CIPP Liner 342' of 24" RC pipe (013-062 to 013-061A)					
	September 30, 2009	P7: Easement thru Golf Course, CIPP Liner 304' of 24" RC pipe (013-065 to 013-064)					
	September 30, 2009	P7: Easement thru Golf Course, CIPP Liner 228' of 21" RC pipe (013-085 to 013-066)					
	September 30, 2009	P7: Easement thru Golf Course, CIPP Liner 252' of 21" RC pipe (013-086 to 013-085)					
	September 30, 2009	P7: Easement thru Golf Course, CIPP Liner 335' of 21" RC pipe (013-087 to 013-086)					
	September 30, 2009	P7: Easement thru Golf Course, CIPP Liner 250' of 21" RC pipe (013-088 to 013-087)					
	September 30, 2009	P7: Easement thru Golf Course, CIPP Liner 216' of 21" RC pipe (013-089 to 013-088)					
	September 30, 2009	P7: Easement off of GERALYNN Drive, Heavy Clean & Re-TV 362' of 24" RC pipe (067-003 to 067-002)					

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates	Description of Work	Infiltration Removed	Flow in gallons per day		Exfiltration Source
				Inflow Removed	Total I/I per quarter	
3rd Quarter 2009	September 30, 2009	P7: Easement off of Geralynn Drive, Heavy Clean & Re-TV 215' of 24" RC pipe (067-037 to 067-036)				
	September 30, 2009	P7: Easement off of Geralynn Drive, Heavy Clean & Re-TV 124' of 24" RC pipe (067-025 to 067-036)				
	September 30, 2009	P7: Easement off of Riverview Ave, Heavy Clean 219' of 48" RC pipe (066-001F to 066-100)				
	September 30, 2009	P7: Easement towards the Pump Station, Heavy Clean 122' of 27" RC pipe (059-004 to 059-003)				
	September 30, 2009	P7: Easement towards the Pump Station, Heavy Clean 197' of 27" RC pipe (059-005 to 059-004)				
	September 30, 2009	P7: Easement off of Crescent Street, Heavy Clean 136' of 42" RC pipe (055-003 to 055-002)				
	September 30, 2009	P7: Easement off of Harold Street, Heavy Clean & Re-TV 304' of 27" RC pipe (048-010 to 048-009)				
	September 30, 2009	P7: Easement off of Harold Street, Heavy Clean & Re-TV 240' of 27" RC pipe (048-012 to 048-011)				
	September 30, 2009	P7: Easement off of Elliot Street, Heavy Clean 246' of 36" RC pipe (042-010B to 042-009A)				
	September 30, 2009	P7: Easement off of Skyview Drive, Heavy Clean & Re-TV 258' of 36" RC pipe (034-011 to 034-010)				
	September 30, 2009	P7: Easement off West Chestnut Street, Heavy Clean & Re-TV 272' of 36" RC pipe (029-019 to 029-018)				
	September 30, 2009	P7: Easement off of Belmont Street, Heavy Clean & Re-TV 318' of 24" RC pipe (028-003A to 028-002)				
	September 30, 2009	P7: Easement thru Golf Course, Heavy Clean & Re-TV 300' of 24" RC pipe (013-066 to 013-065)				
	September 30, 2009	P7: Easement off of Geralynn Drive, T&S 287' of 24" RC pipe (067-008 to 067-007)				
	September 30, 2009	P7: Easement off of Geralynn Drive, T&S 357' of 24" RC pipe (067-004 to 067-003)				
	September 30, 2009	P7: Easement off of Hudson Street, T&S 207' of 42" RC pipe (057-046A to 057-045H)	900 gpd			
	September 30, 2009	P7: Easement off of Hudson Street, T&S 298' of 42" RC pipe (057-045H to 057-044A)	2,160 gpd			
	September 30, 2009	P7: Easement off of Summer Street towards Marion Street, T&S 305' of 42" RC pipe (055-057A to 055-048A)	4,320 gpd			
	September 30, 2009	P7: Easement near Court Street, Major Debris Removed and T&S 390' of 36" RC pipe (042-008A to 042-007B)				
	September 30, 2009	P7: Easement from Court Street towards Center Street, T&S 383' of 42" RC pipe (042-001 to 055-011A)				
	September 30, 2009	P7: Easement off of Southland Terrace , T&S 406' of 36" RC pipe (034-013 to 034-012)				
	September 30, 2009	P7: Easement off of Southland Terrace , T&S 247' of 36" RC pipe (034-014 to 034-013)				
	September 30, 2009	P7: Easement off of Southland Terrace , T&S 239' of 36" RC pipe (034-015 to 034-014)	4,320 gpd			
	September 30, 2009	P7: Easement off of Southland Terrace , T&S 198' of 36" RC pipe (034-016 to 034-015)	1,440 gpd			
	September 30, 2009	P7: Easement off of Country Club Lane , T&S 376' of 30" RC pipe (033-002 to 033-003)				
	September 30, 2009	P7: Easement off West Chestnut Street, T&S 225' of 36" RC pipe (029-016 to 029-017)	2,880 gpd			
	September 30, 2009	P7: Easement off West Chestnut Street, T&S 236' of 36" RC pipe (029-020 to 029-019)				
	September 30, 2009	P7: Easement behind the High School, T&S 302' of 30" RC pipe (028-062 to 028-026)				
	September 30, 2009	P7: Easement behind the High School, T&S 311' of 30" RC pipe (028-063 to 028-062)				
	September 30, 2009	P7: Southworth to Country Club Lane, T&S 196' of 36" RC pipe (026-007 to 026-006)				
	September 30, 2009	P7: Country Club Lane near house # 11, T&S 336' of 36" RC pipe (026-005 to 033-054)	1,440 gpd			
	September 30, 2009	P7: Easement off Pleasant Street, T&S 237' of 21" RC pipe (013-092 to 013-091)				
	September 30, 2009	P7: Easement off Pleasant Street, T&S 246' of 21" RC pipe (013-093 to 013-092)				
	September 30, 2009	P7: Easement off Pleasant Street, T&S 331' of 21" RC pipe (013-098 to 013-093)				
	September 30, 2009	P7: Easement off Pleasant Street, T&S 332' of 21" RC pipe (013-099 to 013-098)				
	September 30, 2009	P7: Easement off Pleasant Street, T&S 347' of 21" RC pipe (013-100 to 013-099)	180 gpd			
	September 30, 2009	P7: Easement off Pleasant Street, T&S 392' of 21" RC pipe (013-101 to 013-100)				
	September 30, 2009	P7: Easement off Pleasant Street, T&S 349' of 21" RC pipe (008-102 to 013-101)				
	September 30, 2009	P7: Meadowbrook, T&S 292' of 48" RC pipe (066-056 to 066-026)	3,240 gpd			
	September 30, 2009	P7: Easement off West Chestnut Street, T&S 210' of 36" RC pipe (029-004A to 029-015)	360 gpd			
	September 30, 2009	P7: Easement off Pleasant Street, T&S 223' of 21" RC pipe (013-091 to 013-090)				
	September 11, 2009	Terminal Place, replaced 4' of 8" PVC see photos 269A & 269B				
	September 2, 2009	Menlo Ave., replaced 5' of 8" PVC and service wye 1+42 to 1+47 (025-029 to 025-30) see photos 268A & 268B	0 gpd			
	September 1, 2009	Arthur Paquin Way, replaced 6' of 8" PVC 0+18 to 0+24 (005-150E to 005-150D) see photos 267A & 267B	0 gpd			
	August 24, 2009	Oakside Ave., replaced 5' of 6" PVC 0+25 to 0+30 (033-027 to 033-026) see photos 266A & 266B	540 gpd			
	August 4, 2009	Globe Rd., replaced 3' of 6" PVC 0+09 (001-083 to 001-084) see photos 265A & 265B	540 gpd			
	July 22, 2009	Globe Rd., replaced 2' of 8" PVC and service wye 2+73 to 2+75 (001-083 to 001-084) see photos 264A & 264B	1080 gpd			
	July 20, 2009	Leah Dr., replaced 2' of 8" PVC and service wye 0+05 to 0+06 (001-067 to 001-068) see photos 263A & 263B	1080 gpd			
	July 14, 2009	Brown St., replaced 6' of 6" PVC 1+94 to 2+00 (001-080 to 001-079) see photos 262A & 262B	360 gpd			
	June 30, 2009	Brown St., replaced 4' of 6" PVC 0+60 (001-080 to 001-079) see photos 261A & 261B	360 gpd		40,320 gpd	
er 2009	May 12, 2009	Opp of 18 Prospect Avenue, replaced 13' of 8" PVC (no stationing) (SMH 06-084A to 06-084) see photos 260				x
	May 11, 2009	Prospect Avenue, replaced 4' of 8" PVC 1+20 to 1+31 (SMH 006-084A to 006-084) see photos 258 & 259				x

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		Exfiltration Source
				Inflow Removed	Total I/ per quarter	
2nd Quarter	May 6, 2009	38-40 Weston Street, replaced 3' of PVC 0+10 to 0+13 (SMH 006-084B to 006-084) see photos 256 & 257				X
	May 4, 2009	39 Country Club Lane, replaced 8' of 8" and 4' of 6" PVC (no stationing) (SMH 026-05 to 33-054) see photos 255				X
	April 29, 2009	54 Baxendale Terrace, replaced 8' of 8" PVC 1+60 to 1+73 (SMH 006-081 to 006-080) see photos 253 & 254				X
	April 28, 2009	50 Baxendale Terrace, replaced 9' of 8" PVC 0+06 to 0+11 (SMH 006-081 to 006-080) see photos 251 & 252				X
	April 10, 2009	22 Carlyn Drive, replaced 4' of 8" PVC (no stationing) (SMH 002-060 to 002-059) see photos 249 & 250				X
1st Quarter 2009	March 5, 2009	Cumberland Drive, grouted the wall of the manhole (SMH 001-037) see photo 248	720 gpd			
	January 14, 2009	Winslow Avenue, water plugged and manhole table was sealed (SMH 005-141) see photo 247	720 gpd			
	January 14, 2009	Tufts Circle, water plugged and manhole wall was sealed (SMH 065-045) see photo 246	720 gpd			
	January 14, 2009	Rutland Street, water plugged and manhole table was sealed (SMH 037-106B) see photo 245A	720 gpd		2,880 gpd	
	December 11, 2008	College Drive, water plugged pipe connections inside of manhole (32-22A)	720 gpd			
4th Quarter 2008	December 11, 2008	Dewey Drive, water plugged corbel inside of manhole (32-67)	360 gpd			
	November 21, 2008	Plymouth St., abandoned (and filled with flowable fill) 315' of 26"x39" brick pipe (P-01 to P-02)				X
	November 21, 2008	Plymouth St., abandoned (and filled with flowable fill) 230' of 12" HDPE pipe (P-02 to P-03)				X
	November 21, 2008	Plymouth St., abandoned (and filled with flowable fill) 198' of 12" HDPE pipe (P-03 to P-04)				X
	November 21, 2008	Plymouth St., abandoned (and filled with flowable fill) 293' of 12" HDPE pipe (P-04 to P-05)				X
	November 21, 2008	Plymouth St., abandoned (and filled with flowable fill) 245' of 26"x39" brick pipe (P-05 to P-06)				X
	November 21, 2008	Plymouth St., abandoned (and filled with flowable fill) 35' of 30" brick pipe (P-06 to P-07)				X
	November 21, 2008	Plymouth St., abandoned (and filled with flowable fill) 263' of 30" CI pipe (P-07 to P-08)				X
	November 21, 2008	Plymouth St., abandoned (and filled with flowable fill) 284' of 30" CI pipe (P-08 to P-09)				X
	November 21, 2008	Plymouth St., abandoned (and filled with flowable fill) 152' of 30" CI pipe (P-09 to BULKHEAD)				X
	November 20, 2008	Trafalgar St., replaced 3' of 8" PVC 1+80 to 1+84 (005-138 to 005-136) see photos 244A & 244B	5,310 gpd			
	November 20, 2008	Trafalgar St., replaced 3' of 8" PVC 1+98 to 2+03 (005-138 to 005-136)	5,310 gpd			
	November 18, 2008	Trafalgar St., replaced 3' of 8" PVC 2+21 to 2+26 (005-136 to 005-133) see photos 243A & 243B	497 gpd			
	November 18, 2008	Trafalgar St., replaced 3' of 8" PVC 1+68 to 1+72 (005-136 to 005-133)	497 gpd			
	November 19, 2008	Trafalgar St., replaced 4' of 8" PVC 2+14 to 2+18 (005-138 to 005-136) see photos 242A & 242B	1,620 gpd			
	November 10, 2008	Augusta St., replaced 6' of 8" PVC 1+94 to 2+00 (005-132 to 005-130) see photos 241A & 241B	30 gpd			
	November 4, 2008	Plymouth St., replaced 44.5' of 12" PVC 0+00 to 0+44.5	0 gpd			
	November 4, 2008	Plymouth St., replaced 269' of 12" PVC 0+44.5 to 3+13	0 gpd			
	November 4, 2008	Plymouth St., replaced 170' of 12" PVC 3+13 to 4+83	720 gpd			
	November 4, 2008	Plymouth St., replaced 183' of 12" PVC 4+83 to 6+66	4,507 gpd			
	November 4, 2008	Plymouth St., replaced 173' of 12" PVC 6+66 to 8+39	5,760 gpd			
	November 4, 2008	Plymouth St., replaced 193' of 12" PVC 8+39 to 10+32	0 gpd			
	November 4, 2008	Plymouth St., replaced 278' of 8" PVC 15+74 to 18+52	8,640 gpd			
	November 4, 2008	Plymouth St., replaced 139' of 8" PVC 18+52 to 19+91	0 gpd			
	November 4, 2008	Plymouth St., replaced 23' of 8" PVC 19+91 to 20+14	1,080 gpd			
	November 4, 2008	Augusta St., replaced 6' of 8" PVC 2+69 to 2+74 (005-132 to 005-130) see photos 240A & 240B	30 gpd			
	November 3, 2008	Trafalgar St., replaced 4' of 6" PVC 0+37 to 0+41 (005-136 to 005-137) see photos 239A & 239B	3,600 gpd			
	October 21, 2008	Earle St., replaced 7' of 8" PVC 0+2 to 0+09 (005-033 to 005-CAP2) see photos 238A & 238B	720 gpd		39,401 gpd	
3rd Quarter 2008	September 17, 2008	Crescent St., replaced 5' of 8" PVC 2+83 to 2+87 (054-004A to 054-004) and installed CI wrap see photos 237A to 237C				X
	September 16, 2008	Norwood St., replaced 3' of 8" PVC 2+37 to 2+40 (060-052 to 060-056) see photos 236A & 236B	400 gpd			
	September 11, 2008	Norwood St., replaced 4' of 8" PVC 1+50 to 1+54 (060-052 to 060-056) see photos 235A & 235B	400 gpd			
	September 8, 2008	Jacob St., replaced 6' of 8" PVC 0+42 to 0+48 (054-041 to 054-040) see photos 234A & 234B				X
	September 4, 2008	Jacob St., replaced 5' of 8" PVC 0+01 to 0+06 (054-041A to 054-041B)				X
	September 4, 2008	Jacob St., replaced 5' of 8" PVC 0+89 to 0+94 (054-041A to 054-041) see photos 233A & 233B				X
	September 2, 2008	Jacob St., replaced 13' of 8" PVC 2+70 to 2+83 (054-041A to 054-041) see photos 232A & 232B				X
	August 11, 2008	Myrtle St., replaced 3' of 6" PVC & performed rehabilitation on SMH 022-056 see Photos 231A & 231B			800 gpd	X
2nd Quarter 2008	May 6, 2008	P6: Sheridan St., replaced 131' of 12 VC pipe (053-080 to 053-084)	5,760 gpd			
	May 6, 2008	P6: Sheridan St., replaced 231' of 12 VC pipe (053-078 to 053-080)				
	May 6, 2008	P6: Sheridan St., replaced 237' of 12 VC pipe (053-054A to 053-078)				
	May 6, 2008	P6: Sheridan St., replaced 235' of 12 VC pipe (053-059 to 053-054A)				
	May 6, 2008	P6: Sheridan St., replaced 53' of 12 PVC pipe (053-065A to 053-059)				
	May 3, 2008	P6: V Market St., replaced 304' of 12" VC pipe (024-046 to 024-EX2)			5,760 gpd	

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates	Description of Work	Infiltration Removed	Flow in gallons per day		Exfiltration Source
				Inflow Removed	Total I/I per quarter	
1st Quarter 2008	March 26, 2008	Portland St., replaced 3' of 8" PVC & service STA 2+21 to 2+23 (059-035 to 059-034) see photos 230A & 230B	1,161 gpd			
	March 18, 2008	Portland St., replaced 3' of 8" PVC STA 2+33 to 2+36 (059-036A to 059-035) see photos 229A & 229B	1,240 gpd			
	March 18, 2008	Portland St., replaced 4' of 8" PVC & service STA 2+00 to 2+04 (059-036A to 059-035) see photos 228A & 228B	1,240 gpd			
	March 17, 2008	Portland St., replaced 3' of 8" PVC & service wye STA 0+47 to 0+49 (059-035 to 059-034) see photos 227A & 227B	360 gpd		4,001 gpd	
4th Quarter 2007	December 14, 2007	P6: Warren Ave. replaced 279' of 21" pipe (024-046 to 023-001)				
	December 14, 2007	P6: Warren Ave. replaced 284' of 21" pipe (023-005 to 023-009)				
	December 14, 2007	P6: Warren Ave. replaced 229' of 21" pipe (023-001 to 023-005)				
	December 12, 2007	P4: Packard Way, replaced 27' of 8" pipe (sta. 0+27 to 021-001)				
	December 12, 2007	P4: Packard Way, replaced 104' of 8" pipe (021-002A to sta. 0+27)				
	December 12, 2007	P4: Packard Way, replaced 294' of 8" pipe (021-002 to 021-002A)				
	October 26, 2007	P4: Warren Ave. replaced 126.5' of 12" pipe (021-054 to 021-049X)				
	October 26, 2007	P4: Warren Ave. replaced 229.5' of 12" pipe (021-049X to 022-049)				
	October 24, 2007	P6: Warren Ave. replaced 237' of 21" pipe (024-040 to 024-046)				
	Oct - Dec, 2007	Capping of 1 floor drain throughout the City		4,798 gpd		
	December 14, 2007	P6: Orchard Ave., replaced 319' of 8" pipe (037-127 to 037-128)	63,360 gpd			
	December 14, 2007	P6: North Main St., replaced 343' of 8" pipe (037-127 to 037-131)	1,080 gpd			
	December 14, 2007	P6: North Main St., replaced 295' of 8" pipe (037-124 to 037-127)	3,963 gpd			
	December 14, 2007	P6: North Main St., replaced 213' of 8" pipe (037-122A to 037-124)	4,102 gpd			
	December 14, 2007	P6: North Main St., replaced 213' of 8" pipe (037-122 to 037-122A)	2,880 gpd			
	December 14, 2007	P6: North Main St., replaced 85' of 8" pipe (037-121 to 037-122)	0 gpd			
	December 14, 2007	P6: North Main St., replaced 337' of 8" pipe (037-118 to 037-121)	2,880 gpd			
	November 20, 2007	P4: Warren Ave. replaced 262' of 12" pipe (021-006 to 021-001)	0 gpd			
	November 15, 2007	Portland St., replaced 4' of 8" PVC & service Wye STA 1+35 to 1+39 (059-036A to 059-035) see photos 226A & 226B	400 gpd			
	November 14, 2007	Lewiston St., replaced 4' of 10" PVC & service Wye STA 1+76 to 1+81 (059-045 to 059-044) see photos 225A & 225B	2,485 gpd			
	November 14, 2007	Lewiston St., replaced 4' of 10" PVC & service Wye STA 0+13 to 0+17 (059-044 to 059-040) see photos 224A & 224B	1,440 gpd			
	November 8, 2007	P4: Warren Ave. replaced 303' of 12" pipe (021-001 to 021-054)	28,800 gpd			
	October 1, 2007	Kingman St., replaced 7' of 8" PVC STA 0+30 to 0+37 (054-031 to 054-030) see photos 223A & 223B	1,750 gpd		117,938 gpd	
	September 26, 2007	P6: Warren Ave. replaced 180' of 21" pipe (024-040 to 024-044)	4,320 gpd			
	September 21, 2007	P6: Warren Ave. replaced 275' of 21" pipe (024-038 to 024-040)				
	September 14, 2007	P6: Warren Ave. replaced 274' of 21" pipe (024-037 to 024-038)				
	August 30, 2007	P6: Clifton Ave. replaced 137' of 24" pipe (024-030A to 024-037)				
	August 29, 2007	P6: Clifton Ave. replaced 116' of 24" pipe (024-030 to 024-030A)				
	August 27, 2007	P4: Warren Ave. replaced 351' of 18" pipe (022-049 to 022-040)				
	August 22, 2007	P6: Clifton Ave. replaced 32' of 24" pipe (024-029 to 024-030)				
	August 13, 2007	Clark St. replaced 8' to 8" PVC & (2)8"X8"Sleeves STA 1+20 to 1+28 (054-039 to 054-039A) see photos 222A & 222B				
	July 28, 2007	P4: Packard Way. replaced 328' of 8" pipe (021-003 to 021-002)				
	July 13, 2007	P4: Packard Way, replaced 244' of 8" pipe (021-005 to 021-004)				
	July 10, 2007	P4: Packard Way, replaced 193' of 8" pipe (021-004 to 021-003X)				
	July 3, 2007	P4: Packard Way, replaced 129' of 8" pipe (021-003X to 021-003)	180 gpd			
3rd Quarter 2007	Jun - Sept, 2007	Removal of 22 private sump pumps and 1 floor drain capping throughout the City		94,350 gpd		
	September 17, 2007	Adams St., replaced 2' of 8" PVC & (2)8"X8"Sleeves STA 1+31 to 1+33(053-097 to 053-097A) see photos 221A & 221B	2,160 gpd			
	September 7, 2007	Moulton St., replaced 8' of 8" PVC & (3)6"Sleeves STA 1+81 to 1+89(054-035 to 054-034) see photos 220A & 220B	90 gpd			
	September 6, 2007	Perry Ave., replaced 6' of 8" PVC & (2)8"X8"Sleeves STA 2+62 to 2+68(054-035 to 054-034) see photos 219A & 219B	1,050 gpd			
	September 5, 2007	Perry Ave., replaced 7' of 8" PVC & (2)8"X8"Sleeves STA 0+58 to 0+65(054-035 to 054-034) see photos 218A & 218B	1,050 gpd			
	September 4, 2007	Perry Ave., replaced 4' of 8" PVC & (2)8"X8"Sleeves STA 0+72 to 0+76(054-035A to 054-035) see photos 217A & 217B	720 gpd			
	August 21, 2007	Addison Ave., replaced 6' of 6" PVC & 6"X6"Wye STA 1+72 to 1+78(054-004E to 054-004C) see photos 216A & 216B	360 gpd			
	August 20, 2007	Addison Ave., replaced 7' of 6" PVC & (2)6"X6"Sleeves STA 2+08 to 2+15(054-004E to 054-004C) see photos 215A & 215B	360 gpd			
	August 17, 2007	Henry St., replaced 4' of 8" PVC & (2)8"X8"Sleeves STA 1+67 to 1+71(054-025 to 054-024) see photos 214A & 214B	270 gpd			
	August 16, 2007	Henry St., replaced 6' of 8" PVC & (4)8"X8"Sleeves STA 3+07 to 3+13(054-025 to 054-024) see photos 213A & 213D	270 gpd			
	August 15, 2007	Macy Ave. replaced 8' of 8" PVC & (2)8"X8"Sleeves STA 1+22 to 1+30(054-004D to 054-004B) see photos 212A & 212B	1,500 gpd			
	July 16, 2007	Bishop St. replaced 8' of 6" PVC & 6"Sleeve STA 0+31 to 0+39(043-091A to 043-090) see photos 211A & 211B	40 gpd			
	July 12, 2007	Upton St. replaced 2' of 8" PVC & (2)8"X"Sleeves STA 1+77 to 1+79(043-056 to 043-057) see photos 210A & 210B	45 gpd			
	July 2, 2007	Moncrief St. replaced 5' of 8" PVC & 8"X8"Sleeve STA 1+10 to 1+15(043-087B to 043-087A) see photos 209A & 209B	170 gpd			

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates	Description of Work	Flow in gallons per day			Exfiltration Source
			Infiltration Removed	Inflow Removed	Total I/I per quarter	
2nd Quarter 2007	July 2, 2007	Moncrief St, replaced 4' of 8" PVC &(2)8"X8"Sleeves STA 0+79 to 0+83(043-087B to 043-087A) see photos 208A & 208B	170 gpd			
	June 20, 2007	Drew Ave, replaced 6' of 8" PVC &(2)8"X8"Sleeves STA 0+24 to 0+30(043-087C to 043-087B) see photos 207A & 207B	1,800 gpd			
	June 19, 2007	Drew Ave, replaced 4' of 8" PVC &(2)8"X8"Sleeves STA 0+75 to 0+79(043-087D to 043-087C) see photos 206A & 206B	360 gpd			
	June 18, 2007	Drew Ave, replaced 9' of 8" PVC &(2)8"X8" Sleeves STA 1+10 to 1+19(043-087E to 043-087D) see photos 205A & 205B	450 gpd			
	June 13, 2007	Drew Ave, replaced 4' of 8" PVC &(2)8"X8" Sleeves STA 0+31 to 0+35(043-087D to 043-087C) see photos 204A & 204B	450 gpd			
	June 13, 2007	Drew Ave, replaced 4' of 8" PVC &(2)8"X8" Sleeves STA 2+61 to 2+65 (043-087D to 043-087C) see photos 203A & 203B	400 gpd			
	June 6, 2007	Drew Ave, replaced 6" service wye STA 1+36 (043-087C to 043-087B) see photos 202A & 202B	180 gpd			
	June 5, 2007	Drew Ave, replaced 2' of 8" PVC STA 1+71 to 1+73 (043-087C to 043-087B) see photos 201A & 201B	45 gpd		110,790 gpd	
	Apr - Jun 2007	Replacement of 6 sewer cleanouts and capping of 2 floor drains throughout the City		18,720 gpd		
	May 30, 2007	P4: Summer Street, replaced 160' of 8" pipe (063-013 to 063-013X)	480 gpd			
	May 30, 2007	P4: Summer Street, replaced 109' of 8" pipe (063-012X to 063-013)	480 gpd			
	May 30, 2007	P4: Summer Street, replaced 12' of 8" pipe (063-012 to 063-012X)	480 gpd			
	May 9, 2007	P4: Riverview Street, replaced 27' of 12" pipe (sta. 0+43 to 063-002A)				
	May 8, 2007	P4: Perkins Avenue, replaced 32.5' of 12" pipe (063-005D to 063-002A)				
	May 3, 2007	P4: Perkins Avenue, replaced 239' of 12" pipe (063-005D to 063-001)	65,520 gpd			
	May 1, 2007	P4: Perkins Avenue, replaced 235.5' of 10" pipe (063-001 to 066-005)	93,600 gpd			
	April 25, 2007	P4: Leyden Street, replaced 6' of 8" pipe and replaced SMH 063-CAP1	0 gpd			
	April 20, 2007	P4: Darby Road, replaced 261.5' of 8" pipe (065-028 to 065-029)	180 gpd			
	Apr - Jun 2007	Removal of 15 private sump pumps throughout the City		124,200 gpd		
	May 3, 2007	Massachusetts Ave., replaced 22' of 8" PVC STA 1+99 to 2+14 (043-016 to 043-015) see Photo 200A & 200B	500 gpd			
	May 2, 2007	Massachusetts Ave., replaced 6' of 8" PVC STA 2+96 (043-019 to 043-018) see Photo 199A & 199B	1,510 gpd			
	May 1, 2007	Massachusetts Ave., replaced 2' of 8" PVC STA 2+14 (043-019 to 043-018) see Photo 198A & 198B	1,550 gpd			
	April 30, 2007	Massachusetts Ave., replaced 5' of 8" PVC STA 2+96 (043-019 to 043-018) see Photo 197A & 197B	1,710 gpd			
	April 25, 2007	Massachusetts Ave., replaced 4' of 8" PVC STA 0+71 (043-020 to 043-019) see Photo 196A & 196B	5 gpd			
	April 24, 2007	Massachusetts Ave., replaced 8"X6" Y & 3' of 8" PVC & 5' of 6" PVC STA 0+24 (043-019 to 043-018) see Photo 195A & 195B	1,710 gpd			
	April 20, 2007	Massachusetts Ave., replaced 6"X8" TEE & 7' 8" PVC & 5' of 6" PVC STA 1+23 (043-020 to 043-019) see Photo 194A & 194B	10 gpd			
	April 19, 2007	Massachusetts Ave., replaced 4' of 8" PVC STA 1+22 (043-020 to 043-019) see Photo 193A & 193B	15 gpd			
	April 19, 2007	Massachusetts Ave., replaced 1.5' of 8" PVC STA 1+32 (043-020 to 043-019) see Photo 192A & 192B	15 gpd			
	April 10, 2007	Summer St., replaced 3' of 6" PVC NO STA (Not on Phase repair list) see Photo 191A & 191B				
	April 5, 2007	Massachusetts Ave., replaced 10' of 8" PVC STA 2+41 to 2+52 (043-016 to 043-015) see Photo 190A & 190B	480 gpd			
	April 4, 2007	Massachusetts Ave., replaced 7' of 8" PVC STA 1+99 (043-016 to 043-015) see Photo 189A & 189B	550 gpd			
	April 3, 2007	Massachusetts Ave., replaced 6' of 8" PVC STA 0+73 (043-016 to 043-015) see Photo 188A & 188B	45 gpd			
	April 2, 2007	Massachusetts Ave., replaced 4' of 8" PVC STA 2+23 to 2+31 (043-015 to 043-014) see Photo 187A & 187B	1,800 gpd		313,560 gpd	
1st Quarter 2007	March 30, 2007	Anawan St., replaced 6' of 8" PVC STA 0+08 (043-078 to 043-077) see Photo 186A & 186B	1,080 gpd			
	March 29, 2007	Anawan St., replaced 6' of 10" PVC STA 0+76 (043-078 to 043-077) see Photo 185A & 185B	1,080 gpd			
	March 28, 2007	Ashfield Dr (@Anawan St., replaced 10' of 10" PVC STA 0+33 (Not on replace list) see Photo 187A & 184B				
	March 27, 2007	Bishop St., replaced 3' of 8" PVC STA 0+11 (043-087A to 043-086A) see Photo 183A & 183B	360 gpd			
	March 27, 2007	Bishop St., replaced 3' of 8" PVC STA 1+53 (043-087A to 043-086A) see Photo 182A & 182B	360 gpd		2,880 gpd	
	March 13, 2007	Algonquin St., replaced 3' of 10" PVC STA 0+55 (043-013 to 043-012) see Photo 180A & 180B	300 gpd			
	March 12, 2007	Algonquin St., replaced 3' of 10" PVC STA 0+39 (043-013 to 043-012) see Photo 179A & 179B	180 gpd			
	March 9, 2007	Dailey Rd., replaced 2' of 8" PVC STA 0+08 (043-059 to 043-058) see Photo 178A & 178B	50 gpd			
	March 8, 2007	Algonquin St., replaced 4' of 10" PVC STA 0+15 (043-013 to 043-012) see Photo 177A & 177B	200 gpd			
	March 7, 2007	Dailey Rd., replaced 9' of 8" PVC & service wye STA 0+76 (043-059 to 043-058) see Photo 176A & 176B	50 gpd			
	March 6, 2007	Anawan St., replaced 6' of 8" PVC STA 1+13 (043-079 to 043-078) see Photo 175A & 175B	10 gpd			
	February 27, 2007	John Berman Dr., replaced cap on Y STA 1+58 (Not on replace list) see Photo 175A & 175B	700 gpd			
	February 21, 2007	John Berman Dr., replaced 4' of 10" PVC & service wye STA 0+52 (043-085A to 043-085) see Photo 174A, 174B, 174C & 174D	50 gpd			
	February 13, 2007	John Berman Dr., replaced service wye STA 1+25 (043-086 to 043-085A) see Photo 173A & 173B	50 gpd			
	February 8, 2007	John Berman Dr., replaced 6' of 10" PVC STA 0+86 (043-086 to 043-085A) see Photo 172A & 172B	20 gpd			
	February 7, 2007	Anawan St., replaced 4' of 8" PVC & service wye STA 1+82 (043-079 to 043-078) see Photo 171A & 171B	20 gpd			
	February 6, 2007	Anawan St., replaced 7' of 8" PVC STA 1+11 (043-079 to 043-078) see Photo 170A & 170B				
	February 5, 2007	Annis Ave., replaced 13' of 8" PVC & 9' of 10" PVC see Photo 169A	30 gpd			
	February 2, 2007	Anawan St., replaced 5' of 8" PVC STA 0+66 (043-079 to 043-078) see Photo 168A & 168B	25 gpd			

Table 1
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History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates	Description of Work	Infiltration Removed	Flow in gallons per day		Exfiltration Source
				Inflow Removed	Total I/I per quarter	
4th Quarter 2006	February 1, 2007	Anawan St., replaced 20' of 8" PVC & service wye STA 0+33 to 0+47 (043-079A to 043-079) see Photo 167A & 167B	25 gpd			
	January 30, 2007	Anawan St., replaced 3' of 8" PVC STA 1+08 (043-079A to 043-079) see Photo 166A & 166B	2,000 gpd			
	January 29, 2007	Almon Ave., replaced 3' of 8" PVC STA 1+76 (032-072 to 032-071) see Photo 165A & 165B	2,880 gpd			
	January 5, 2007	Herrod Ave., replaced service wye STA 0+93 (037-124A to 037-124) see Photo 164A & 164B	1,080 gpd			
	January 4, 2007	N. Manchester St., service wye STA 1+10 (042-004A to 042-004B) see Photo 163A & 163B			5,620 gpd	
	December 1, 2006	P4: Auburn Street, replaced 274.60' of 8" pipe (063-002 to 063-001A)	0 gpd			
	December 1, 2006	P4: Auburn Street, replaced 277.50' of 8" pipe (063-001A to 063-001)	0 gpd			
	November 2006	Design: East Ashland Street, replaced 130' of 12" pipe (040-019 to 040-028)	2,881 gpd			
	November 2006	Design: East Ashland Street, replaced 330' of 12" pipe (040-018 to 040-019)	36,000 gpd			
	November 2006	Design: East Ashland Street, replaced 203' of 12" pipe (040-017 to 040-018)	5,760 gpd			
3rd Quarter 2006	November 2006	Design: East Ashland Street, replaced 252' of 12" pipe (040-016 to 040-017)	5,040 gpd			
	October 16, 2006	P4: Burton Ave, replaced 294' of 8" pipe (060-007B to 060-007A)	6,142 gpd			
	October 16, 2006	P4: Burton Ave, replaced 166' of 8" pipe (060-007A to 060-007C)	0 gpd			
	December 18, 2006	Rutland St., replaced 3' of 6" pipe & service wye STA 2+48 (037-123 to 037-121A) see Photo 162A & 162B	672 gpd			
	December 12, 2006	Calvin Street, replaced service wye STA 0+85 (031-031 to 031-030) see Photo 161A & 161B	1,260 gpd			
	December 11, 2006	Calvin Street, replaced 6' of 8" PVC STA 0+31 (031-031 to 031-030) see Photo 160A & 160B	180 gpd			
	November 29, 2006	N. Manchester St., replaced 3' of 8" PVC & service wye STA 1+30 (042-004A to 042-004B) see Photo 159A & 159B	432 gpd			
	November 28, 2006	N. Manchester St., replaced 6' of 8" PVC & service wye STA 0+71 (042-004A to 042-004B) see Photo 158A	432 gpd			
	November 27, 2006	N. Manchester St., replaced 8' of 8" PVC & service wye STA 2+00 (042-004A to 042-004B) see Photo 157A & 157B	261 gpd			
	October 23, 2006	Vine Street, replaced 4' of 8" VC STA 1+46 (037-101 to 037-100) see Photo 156A & 156B	360 gpd		59,420 gpd	
2nd Quarter 2006	September 9, 2006	Keith Avenue, replaced 5' of 8" PVC STA 0+34 (024-039A to 024-039) see Photo 155A				
	May 9, 2006	Upland Road, replaced 3' of 8" PVC STA 0+87 (037-091 to 037-090) see Photos 154A & 154B	1,500 gpd			
	May 11, 2006	Rutland Avenue, replaced 8" pipe and service wye STA 2+33 (037-121A to 037-122) see Photos 153A & 153B	720 gpd			
	May 10, 2006	Rutland Avenue, replaced 4' of 8" PVC STA 1+34 to 1+38 (037-121A to 037-122) see Photos 152A & 152B	720 gpd			
	May 18, 2006	Rutland Avenue, replaced 4' of 8" PVC STA 2+74 (037-121A to 037-122) see Photo 151A	540 gpd			
	May 17, 2006	Rutland Avenue, replaced 4' of 8" PVC STA 2+87 (037-121A to 037-122) see Photos 150A & 150B	540 gpd			
	May 16, 2006	Rutland Avenue, replaced 4' of 8" PVC STA 0+15 (037-121A to 037-122) see Photos 149A & 149B	540 gpd			
	July 19, 2006	Oak Street, replaced service connection STA 2+05 (037-136 to 037-135) see Photos 148A & 148B	2,400 gpd			
	July 20, 2006	Oak Street, replaced 8" pipe service wye STA 2+85 (037-136 to 037-135) see Photos 147A & 147B	1,200 gpd			
	July 25, 2006	Oak Street, replaced 8" pipe and two service tees PVC STA 1+72 (037-135 to 037-134) see Photos 146A & 146B	2,500 gpd			
	August 3, 2006	Oak Street, replaced 8" pipe and service tee STA 0+15 (037-134 to 037-133) see Photos 145A & 145B	1,200 gpd			
	August 7, 2006	Oak Street, replaced pipe and service wyes STA 0+42 (037-134 to 037-133) see Photos 144A & 144B	1,440 gpd			
	August 8, 2006	Oak Street, replaced 8" pipe and service wye STA 2+08 (037-133 to 037-132) see Photos 143A & 143B	720 gpd		14,020 gpd	
	May 1, 2006	Upland Rd., repl 2' of 8" pipe and 8"X8" sleeve STA 2+45 to 2+47 (037-091 to 037-090) see Photos 142A & 142B	320 gpd			
	April 25, 2006	Orchard Ave., replaced 6' of 8" pipe STA 0+83 to 0+87 (037-130 to 037-129) see Photos 141A & 141B	180 gpd		500 gpd	
	March 21, 2006	Pomona Dr., replaced 17.5' of 6" pipe and 6"X6" sleeve (045-032G to 045-032J) see Photos 140A & 140B				
	March 6, 2006	Main St. behind Shaws, 5' of 10" pipe STA 0+47 to 0+52 (034-12A to 034-012) see Photos 137A to 137B				
	February 28, 2006	Main St. behind Shaws, 5' of 10" pipe STA 0+21 to 0+26 (034-12A to 034-012) see Photos 136A & 136B				
	February 27, 2006	K-Mart Parking, replaced 6' of 8" pipe STA 0+36 to 0+42 (034-012K to 034-012J) see Photo 138A	1,440 gpd			
	February 7, 2006	E. Main St., replaced 5' of 8" pipe STA 2+70 to 2+74 (037-087 to 037-086) see Photos 133A & 133B				
	February 6, 2006	E. Main St., replaced 3' of 8" STA 2+25 to 2+28 (037-087 to 037-086) see Photos 132A & 132B				
	February 2, 2006	P5: Menlo Ave, lined 256.3' of 8" pipe (025-029 to 025-026)	15,750 gpd			
	February 1, 2006	P5: GERALYN Dr. Easement, lined 186' of 10" pipe (067-043 to 067-042)	1,275 gpd			
	February 1, 2006	P5: Easement across Cross Pond, lined 388' of 18" pipe (007-125 to 007-126)				
	January 31, 2006	P5: Boulders Apartments., lined 241' of 8" pipe (045-037E to 045-037D)	2,520 gpd			
	January 31, 2006	P5: Boulders Apartments., lined 150' of 8" pipe (045-037D to 045-037C)	1,440 gpd			
	January 31, 2006	P5: E. Ashland St., lined 153.5' of 15" pipe (045-033 to 045-032)	7,200 gpd			
	January 31, 2006	P5: E. Ashland St., lined 102.5' of 15" pipe (045-032 to 045-031)	2,880 gpd			
	January 30, 2006	P5: Toby Rd., lined 127.5' of 8" pipe (045-034B to 045-033A)	1,440 gpd			
	January 30, 2006	P5: Toby Rd., lined 16.2' of 8" pipe (045-034A to 045-034B)				
	January 30, 2006	P5: Toby Rd., lined 116.3' of 8" pipe (045-034C to 045-034A)				

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Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		Exfiltration Source
				Inflow Removed	Total I/I per quarter	
1st Quarter 2006	January 30, 2006	P5: Toby Rd., lined 192' of 8" pipe (045-036A to 045-035A)	2,160 gpd			
	January 30, 2006	P5: Toby Rd., lined 53' of 8" pipe (045-035A to 045-034C)	180 gpd			
	January 30, 2006	P5: Pleasant St., lined 399.5' of 10" pipe (017-065 to 017-062)	40,320 gpd			
	January 27, 2006	P5: Dover St., lined 451.6' of 10" pipe (018-017 to 018-016A)	6,099 gpd			
	January 27, 2006	P5: Belmont Ave, lined 77.3' of 10" pipe (017-011F to 017-041C)				
	January 26, 2006	P5: No. Warren Ave, lined 271.4' of 10" pipe (019-027 to 019-024)				
	January 26, 2006	P5: No. Warren Ave, lined 247.2' of 10" pipe (019-028 to 019-027)				
	January 26, 2006	P5: No. Warren Ave, lined 200.8' of 10" pipe (019-031 to 019-028)	360 gpd			
	January 26, 2006	P5: Warren Ave, lined 232.3' of 8" pipe (018-016 to 018-017A)	22,800 gpd			
	January 24, 2006	P5: Center St., lined 353.5' of 10" pipe (019-071 to 019-072)				
	January 24, 2006	P5: Center St., lined 145.5' of 10" pipe (019-065 to 019-071)	11,520 gpd			
	January 24, 2006	P5: Center St., lined 143' of 10" pipe (019-037B to 019-065)	720 gpd			
	January 24, 2006	P5: Forest Rd., lined 208' of 8" pipe (018-020A to 018-018A)	2,160 gpd			
	January 24, 2006	P5: Forest Rd., lined 325.6' of 8" pipe (018-018A to 018-018B)	12,960 gpd			
	January 20, 2006	P5: Edward St., lined 212.5' of 8" pipe (047-054 to 047-055)	720 gpd			
	January 20, 2006	P5: Sharon St., lined 150.3' of 8" pipe (047-054 to 047-053)	11,520 gpd			
	January 20, 2006	P5: Sharon St., lined 92.2' of 8" pipe (047-053 to 047-052)				
	January 20, 2006	P5: Sharon St., lined 111.5' of 8" pipe (047-051 to 047-052)	540 gpd			
	January 19, 2006	P5: Skinner St., lined 415.5' of 8" pipe (055-047 to 055-046)				
	January 19, 2006	P5: South Fuller St., lined 276' of 10" pipe (018-016B to 018-016A)	1,275 gpd			
	January 19, 2006	Oakside Ave., replaced 4' of 8" pipe STA 0+73 to 0+77 (033-025 to 033-024) see Photos 134A & 134B				
	January 18, 2006	P5: Lyon Ave, lined 279' of 8" pipe (066-053 to 066-052)	360 gpd			
	January 18, 2006	P5: Sharon St., lined 275.3' of 8" pipe (047-051 to 047-050)	4,320 gpd			
	January 18, 2006	P5: Sharon St., lined 300' of 8" pipe (047-050 to 047-049A)				
	January 18, 2006	P5: Sharon St., lined 200.3' of 8" pipe (047-049A to 047-049)	2,880 gpd			
	January 17, 2006	P5: Main St., lined 321.5' of 8" pipe (066-044 to 066-043)	135 gpd			
	January 17, 2006	P5: Annadea Rd., lined 302.5' of 8" pipe (047-006A to 047-005B)	2,880 gpd			
	January 17, 2006	P5: Annadea Rd., lined 115.5' of 8" pipe (047-005B to 047-004A)				
	January 16, 2006	P5: Skinner St., lined 148.3' of 8" pipe (055-048 to 055-049)	10,975 gpd			
	January 16, 2006	P5: Skinner St., lined 75.5' of 8" pipe (055-048 to 055-046)	410 gpd			
	January 13, 2006	P5: Maplewood Cir., lined 230.9' of 8" pipe (045-021 to 045-022)	1,440 gpd			
	January 13, 2006	P5: Maplewood Cir., lined 247.5' of 8" pipe (045-021 to 045-020)	2,880 gpd			
	January 13, 2006	P5: Joslyn Ln, lined 113.5' of 8" pipe (019-073 to 019-074)	90 gpd			
	January 13, 2006	P5: Joslyn Ln, lined 113.5' of 8" pipe (019-072 to 019-073)	90 gpd			
	January 12, 2006	P5: Cristo's Way, lined 370.9' of 8" pipe (048-051 to 048-050)	11,620 gpd			
	January 12, 2006	P5: Cristo's Way, lined 300.5' of 8" pipe (048-050 to 048-042)	764 gpd			
	January 12, 2006	P5: Woodland Ave, lined 391' of 8" pipe (035-107 to 035-106)	2,760 gpd			
	January 12, 2006	P5: Woodland Ave, lined 263' of 8" pipe (035-109 to 035-107)	69,120 gpd			
	January 12, 2006	Oakside Ave., replaced 5' of 8" pipe STA 1+45 to 1+50 (033-026 to 033-025) see Photos 135A & 135B				
	January 11, 2006	P5: Maplewood Cir., lined 276' of 8" pipe (045-020 to 045-019A)	1,440 gpd			
	January 11, 2006	P5: Maplewood Cir., lined 197' of 8" pipe (045-019 to 045-019A)	1,080 gpd			
	January 11, 2006	P5: Maplewood Cir., lined 201.5' of 8" pipe (045-017 to 045-019)	2,880 gpd			
	January 11, 2006	P5: Camden Ave, lined 198.5' of 8" pipe (020-060C to 020-060B)	12,960 gpd			
	January 11, 2006	P5: Camden Ave, lined 296.5' of 8" pipe (020-060B to 020-060A)	2,160 gpd			
	January 10, 2006	P5: Quincy St., lined 251' of 8" pipe (048-053 to 048-054)	410 gpd			
	January 10, 2006	P5: Beaumont Ave, lined 101' of 8" pipe (048-052 to 048-053)	107 gpd			
	January 10, 2006	P5: Beaumont Ave, lined 149' of 8" pipe (048-051 to 048-052)	107 gpd			
	January 10, 2006	P5: Hampton Ave, lined 417' of 8" pipe (035-108 to 035-107)	177 gpd			
	January 9, 2006	P5: Plain St., lined 286.7' of 8" pipe (066-090 to 066-089A)	5,000 gpd			
	January 4, 2006	Jane Ter., replaced 3' of 6" pipe STA 1+57 to 1+60 (033-022 to 033-021) see Photos 139A & 139B	1,440 gpd		285,764 gpd	
	Oct - Nov 2005	P5: Rehabilitation of 117 manholes	94,608 gpd			
	December 22, 2005	P5: Main Street, lined 277' of 8" pipe (066-042 to 066-041)				

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Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		Total I/I per quarter	Exfiltration Source
				Inflow Removed			
4th Quarter 2005	December 22, 2005	P5: Main Street, lined 248.5' of 8" pipe (066-043 to 066-042)	11,520 gpd				
	December 21, 2005	P5: Quincy Street, lined 273.7' of 8" pipe (048-056 to 048-055)	3,610 gpd				
	December 21, 2005	P5: Quincy Street, lined 279.2' of 8" pipe (048-055 to 048-053)	4,350 gpd				
	December 20, 2005	P5: Manomet Street, lined 277.45' of 8" pipe (020-053 to 020-054)	2,520 gpd				
	December 19, 2005	P5: Theresa Road, lined 232.1' of 8" pipe (067-065 to 067-066)	117 gpd				
	December 15, 2005	P5: Ash Street, lined 206.2' of 8" pipe (017-026 to 017-024)	1,620 gpd				
	December 15, 2005	P5: Ellsworth Street, lined 235.8' of 8" pipe (017-024 to 017-022)	4,320 gpd				
	December 14, 2005	P5: Spring Street, lined 210.6' of 8" pipe (017-043 to 017-053)	13,680 gpd				
	December 14, 2005	P5: Highland Terrace, lined 228.6' of 8" pipe (017-050 to 017-043)	7,560 gpd				
	December 13, 2005	P5: No. Quincy Street, lined 34' of 8" pipe (049-105 to 049-105A)	102 gpd				
	December 13, 2005	P5: No. Quincy Street, lined 314' of 8" pipe (049-106 to 049-105)	4,500 gpd				
	December 13, 2005	P5: No. Quincy Street, lined 285' of 8" pipe (049-108 to 049-106)	7,200 gpd				
	December 12, 2005	P5: Moraine Street, lined 335.05' of 8" pipe (017-066 to 017-065)	2,160 gpd				
	December 7, 2005	P5: Main Street, lined 327' of 8" pipe (066-045 to 066-044)	2,700 gpd				
	December 7, 2005	P5: Main Street, lined 304.7' of 8" pipe (066-049 to 066-045)					
	December 7, 2005	P5: Main Street, lined 203.4' of 8" pipe (066-052 to 066-049)	3,600 gpd				
	December 5, 2005	P5: Brunswick Street, lined 268.4' of 8" pipe (117-097 to 117-100)	1,440 gpd				
	December 1, 2005	P5: Summer Street, lined 139.65' of 8" pipe (066-083 to 066-079)	5,760 gpd				
	December 1, 2005	P5: Summer Street, lined 54.3' of 8" pipe (066-083 to 066-084)					
	December 1, 2005	P5: Summer Street, lined 174.45' of 8" pipe (066-084 to 066-085)	1,080 gpd				
	December 1, 2005	P5: Summer Street, lined 215.2' of 8" pipe (066-085 to 066-086)					
	November 30, 2005	P5: Pleasant Street, lined 152' of 8" pipe (017-162 to 017-160B)	1,080 gpd				
	November 30, 2005	P5: Pleasant Street, lined 308.3' of 8" pipe (017-160B to 017-160A)	8,460 gpd				
	November 30, 2005	P5: Pleasant Street, lined 307.7' of 8" pipe (017-160A to 017-160)					
	November 29, 2005	P5: Prospect Avenue, lined 308.05' of 8" pipe (017-114 to 017-113)	4,320 gpd				
	November 28, 2005	P5: Cross Country (off E. Ashland), lined 195.3' of 15" pipe (045-034 to 045-035)	1,382 gpd				
	November 28, 2005	P5: Cross Country (off E. Ashland), lined 207.4' of 15" pipe (045-033 to 045-034)	1,473 gpd				
	November 18, 2005	P5: No. Quincy Street, lined 70.15' of 8" pipe (049-102 to 049-102A)	107 gpd				
	November 18, 2005	P5: No. Quincy Street, lined 275.45' of 8" pipe (049-103 to 049-102)	4,380 gpd				
	November 18, 2005	P5: No. Quincy Street, lined 287.2' of 8" pipe (049-104 to 049-103)	7,250 gpd				
	November 18, 2005	P5: No. Quincy Street, lined 326.1' of 8" pipe (049-105A to 049-104)	7,250 gpd				
	November 18, 2005	P5: E. Ashland Street, lined 21' of 12" pipe (040-015 to 040-016)	8,640 gpd				
	November 18, 2005	P5: E. Ashland Street, lined 152' of 12" pipe (040-003B to 040-015)	6,480 gpd				
	November 17, 2005	P5: Easement (between Manomet & Grafton), lined 129.3' of 8" pipe (020-048 to 020-043)	1,800 gpd				
	November 17, 2005	P5: Easement (between Manomet & Grafton), lined 250.7' of 8" pipe (020-049 to 020-048)	1,800 gpd				
	November 16, 2005	P5: No. Quincy Street, lined 295.8' of 8" pipe (045-072 to 045-074)					
	November 16, 2005	P5: No. Quincy Street, lined 301.6' of 8" pipe (045-075 to 045-074)					
	November 16, 2005	P5: No. Quincy Street, lined 239.6' of 8" pipe (045-075 to 045-076)					
	November 15, 2005	P5: Georgene Drive, lined 208.7' of 8" pipe (067-067A to 067-067)	764 gpd				
	November 15, 2005	P5: Georgene Drive, lined 210.35' of 8" pipe (067-069 to 067-067A)	8,095 gpd				
	November 14, 2005	P5: Clinton Street, lined 286.9' of 8" pipe (018-010A to 018-010)	5,760 gpd				
	November 10, 2005	P5: Cross Country, lined 161.45' of 12" pipe (045-017 to 045-016)	6,808 gpd				
	November 10, 2005	P5: Cross Country, lined 155.9' of 12" pipe (045-016 to 045-015)	6,643 gpd				
	November 10, 2005	P5: Cross Country, lined 245.1' of 12" pipe (045-015 to 045-014)	10,356 gpd				
	November 10, 2005	P5: Cross Country, lined 236.85' of 12" pipe (045-014 to 045-013)	10,068 gpd				
	November 10, 2005	P5: Cross Country, lined 224.9' of 12" pipe (045-013 to 045-012A)	9,325 gpd				
	November 10, 2005	P3: High Street, replaced 173.9' of 8" pipe (019-091 to 019-088A)	360 gpd				
	November 9, 2005	Hatchfield Dr, replaced 2' of 8" pipe STA 1+01 to 1+03 (032-055C to 032-055B) see Photo 131A & 131B	1,440 gpd				
	November 9, 2005	P5: Twelfth Avenue, lined 298.7' of 8" pipe (067-033 to 067-031)	6,873 gpd				
	November 9, 2005	P5: Twelfth Avenue, lined 297' of 8" pipe (067-034 to 067-033)	6,873 gpd				
	November 9, 2005	P5: Twelfth Avenue, lined 191.3' of 8" pipe (067-035 to 067-034)	3,254 gpd				
	November 8, 2005	P5: Carleton Street, lined 407.1' of 8" pipe (017-127 to 017-088)					

Table 1
City of Brockton, Massachusetts
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History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		Exfiltration Source
				Inflow Removed	Total I/I per quarter	
	November 7, 2005	P5: Plain Street, lined 349.1' of 8" pipe (067-065 to 067-067)	764 gpd			
	November 4, 2005	P5: Augusta Avenue, lined 270.8' of 8" pipe (017-110 to 017-074)	2,160 gpd			
	November 2, 2005	P5: Hamilton Street, lined 273.7' of 8" pipe (117-097 to 117-099)	2,940 gpd			
	November 2, 2005	P5: Hamilton Street, lined 275.8' of 8" pipe (117-098 to 117-099)	1,440 gpd			
	November 2, 2005	P5: Boulders Apartments, lined 304.9' of 8" pipe (045-037E to 045-037G)	4,583 gpd			
	November 2, 2005	P5: No. Quincy Street, lined 292.4' of 8" pipe (049-109 to 049-108)	5,050 gpd			
	November 2, 2005	P5: No. Quincy Street, lined 337.1' of 8" pipe (049-109 to 049-110)				
	November 2, 2005	P5: Bedford Street, lined 347.65' of 8" pipe (045-047 to 045-048)				
	November 2, 2005	P5: Bedford Street, lined 158.8' of 8" pipe (045-047 to 045-046)				
	November 2, 2005	P5: Manomet Street, lined 149.85' of 8" pipe (020-061 to 020-060)	3,960 gpd			
	November 2, 2005	P5: Manomet Street, lined 136.1' of 8" pipe (020-066 to 020-065)	180 gpd			
	November 2, 2005	P5: Manomet Street, lined 267.1' of 8" pipe (020-065 to 020-061)	315 gpd			
	November 2, 2005	P5: Anania Terrace, lined 388.4' of 8" pipe (020-067 to 020-065)	14,400 gpd			
	November 2, 2005	P5: Loucraft Avenue, lined 310.4' of 8" pipe (019-043 to 019-042)				
	November 2, 2005	P5: Maplewood Cir., lined 242.8' of 10" pipe (045-031A to 045-033B)	21,600 gpd			
	November 2, 2005	P5: Maplewood Cir., lined 152.1' of 10" pipe (045-031A to 045-030A)	4,320 gpd			
	November 2, 2005	P5: Maplewood Cir., lined 90' of 10" pipe (045-029A to 045-030A)	1,440 gpd			
	November 2, 2005	P5: Maplewood Cir., lined 308.3' of 10" pipe (045-029A to 045-028)	5,040 gpd			
	October 19, 2005	P5: Pomona Drive, lined 279.5' of pipe (045-032A to 045-032B)				
	October 19, 2005	P5: Pomona Drive, lined 105.4' of pipe (045-032A to 045-032G)	2,800 gpd			
	October 19, 2005	P5: Pomona Drive, lined 213.5' of pipe (045-032H to 045-032G)	360 gpd			
	October 19, 2005	P5: Pomona Drive, lined 118.6' of pipe (045-032H to 045-032I)	720 gpd			
	October 19, 2005	P5: Pomona Drive, lined 47.3' of pipe (045-032C to 045-032B)				
	October 19, 2005	P5: Oberline Road, lined 319.6' of pipe (045-032B to 045-032D)				
	October 19, 2005	P5: Annadea Road, lined 297.9' of 8" pipe (047-007A to 047-006A)	3,600 gpd			
	October 19, 2005	P5: Annadea Road, lined 227.9' of 8" pipe (047-007A to 047-008A)	1,080 gpd			
	October 19, 2005	P5: Annadea Road, lined 221.3' of 8" pipe (047-009A to 047-008A)	1,448 gpd			
	October 19, 2005	P5: Court Street, lined 422.65' of 8" pipe (047-061 to 047-063)	4,320 gpd			
	October 19, 2005	P5: Court Street, lined 245.3' of 8" pipe (047-061 to 047-020)	1,080 gpd			
	October 17, 2005	P5: Charline Drive, lined 57.15' of 8" pipe (047-062 to 047-062A)				
	October 17, 2005	P5: Charline Drive, lined 336.6' of 8" pipe (047-061 to 047-062)	2,700 gpd			
	October 13, 2005	P5: Pomona Drive, lined 243.3' of pipe (045-032 to 045-032A)	3,600 gpd			
	October 12, 2005	P5: Bark Circle, lined 238' of 8" pipe (045-083 to 045-084)				
	October 12, 2005	P5: Bark Circle, lined 205.4' of 8" pipe (045-083 to 045-082)				
	October 11, 2005	P3: Lincoln Street, replaced 205.2' of 10" pipe (019-103A to 019-103B)	2,160 gpd			
	October 11, 2005	P3: Lincoln Street, replaced 126.3' of 10" pipe (019-103B to 019-103C)				
	October 11, 2005	P3: Lincoln Street, replaced 59.9' of 10" pipe (019-103C to 019-103D)				
	October 11, 2005	P3: Lincoln Street, replaced 94.1' of 10" pipe (019-103D to 019-103E)				
	October 11, 2005	P3: Lincoln Street, replaced 134.1' of 10" pipe (019-103E to 019-103F)				
	October 11, 2005	P3: School St, replaced 294' of 10" pipe (019-088 to 019-103B)	720 gpd		396,268 gpd	
	Sept. 27 - 28, 2005	P5: Rehabilitation of 7 manholes	5,760 gpd			
	September 23, 2005	Van Cliff, replaced 8" pipe STA 3+00 to 3+05 (032-053 to 032-052) see Photos 127A & 127B				
	September 21, 2005	Marie Ave., replaced 8" pipe STA 2+70 to 2+89 (050-065 to 050-065B) see Photos 129A & 129B	2,880 gpd			
	September 21, 2005	Marie Ave., replaced 6' of 8" pipe STA 2+20 to 2+26 (050-066 to 050-067) see Photo 130A & 130B	1,440 gpd			
	September 20, 2005	Budd Ave., replaced 8" pipe STA 1+50 to 1+55 (053-062 to 053-063) see Photos 128A & 128B	7,200 gpd			
	September 16, 2005	P3: Green St., replaced 275' of 6" pipe (019-025 to 019-024)	1,440 gpd			
	September 12, 2005	Van Cliff, replaced 8" pipe STA 1+65 to 1+69 (032-053 to 032-052) see Photos 126A & 126B				
	September 6, 2005	P3: N. Warren Ave., replaced 365' of 8" pipe (019-042 to 019-040)				
	September 6, 2005	P3: N. Warren Ave., replaced 157' of 8" pipe (019-044 to 019-042)	6,840 gpd			
	August 31, 2005	P2: Bartlett St., replaced 19.5' of 30" pipe (018-051B to 018-051)				
	August 31, 2005	P2: Chester Ave., replaced 18' of 18" pipe (018-051A to 018-051)				

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Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day Inflow Removed	Total I/I per quarter	Exfiltration Source
3rd Quarter 2005	August 31, 2005	P2: Chester Ave., replaced 19.5' of 18" pipe (018-051B to 018-056)				
	August 31, 2005	P2: Chester Ave., replaced 89.5' of 18" pipe (018-056 to 018-056B)				
	August 25, 2005	West St., replaced 4' of 10" sewer pipe STA 1+29 to 1+33 (014-077 to 014-078)	1,440 gpd			
	August 23, 2005	P3: Roan Crt., replaced 286' of 8" pipe (019-041 to 019-040)				
	August 19, 2005	Roan Court, removed water & sewer service cross connection @ abandoned lot (019-040 to 019-041)	21,600 gpd			
	August 11, 2005	Rockland St., replaced service wye at STA 1+70 (031-088 to 031-093) see Photos 122A & 122B				
	August 10, 2005	Rockland St., replaced wye & pipe STA 0+84 - 0+89 (031-087 to 031-086) see Photos 123A & 123B				
	August 10, 2005	Windsor Cir., replaced 8" pipe STA 1+55 to 1+60 (031-090 to 031-089) see Photos 124A & 124B	5,760 gpd			
	August 8, 2005	Rockland St., replaced 8" pipe STA 0+00 to 0+05 (031-088 to 031-093) see Photos 121A & 121B				
	August 8, 2005	Chester Ave., replaced sewer manhole with underdrain connection (018-056) see Photos 119A	14,400 gpd			
	August 5, 2005	Adams St., replaced 8' of 8" pipe (053-097 to 053-096) see Photo 120A and 120B	7,200 gpd			
	August 5, 2005	P3: Plain St., replaced 210.6' of 10" pipe (066-082A to 066-082)				
	August 5, 2005	P3: Plain St., replaced 320.1' of 15" pipe (066-078 to 066-079)				
	August 5, 2005	P3: Plain St., replaced 265' of 15" pipe (066-080 to 066-079)				
	August 5, 2005	P3: Plain St., replaced 229' of 15" pipe (066-080 to 066-081)				
	August 5, 2005	P3: Plain St., replaced 254' of 15" pipe (066-081 to 066-082)				
	July 19, 2005	Calvin St., replaced service wye at STA 0+30 (031-031 to 031-030) see Photos 125A & 125B	2,880 gpd		78,840 gpd	
2nd Quarter 2005	July 15, 2005	Calvin St., replaced 4' of 8" pipe STA 1+54 to 1+58 (031-031 to 031-030)	410 gpd			
	June 17, 2005	P3: Otis St., replaced 223' of 8" pipe (055-043 to 055-042B)				
	May 30, 2005	Forest Ave., replaced pipe (021-032 to 021-031) see Photos 116A & 116B	720 gpd			
	May 17, 2005	Carrol Ave., replaced service wye STA 1+06 (025-021B to 025-021A) see Photos 115A & 115B	760 gpd			
	May 16, 2005	P3: Appleby St., replaced 283' of 10" pipe (067-015 to 067-028)	8,640 gpd			
	May 12, 2005	P3: Armistion St., replaced 334' of 10" pipe (045-060 to 045-059)	4,320 gpd			
	May 12, 2005	P3: Armistion St., replaced 336' of 10" pipe (045-061 to 045-060)	570 gpd			
	May 11, 2005	P3: Twelfth Ave., replaced 300' of 8" pipe (067-031 to 067-028)	1,440 gpd			
	May 11, 2005	Carrol Ave., replaced service wye STA 0+59 (025-021B to 025-021A) see Photos 118A & 118B				
	May 10, 2005	Carrol Ave., replaced pipe STA 1+42 to 1+47 (025-021A to 025-021C) see Photos 117A & 117B	8,990 gpd			
	May 6, 2005	P3: Twelfth Ave., replaced 225' of 10" pipe (067-028 to 067-027)				
	April 28, 2005	P3: Armistion St., replaced 300' of 8" pipe (045-062 to 045-061)	720 gpd			
	April 28, 2005	P3: Armistion St., replaced 238' of 8" pipe (045-063 to 045-062)	36,000 gpd			
	April 15, 2005	P3: Pratt St., replaced 207' of 10" pipe (045-064 to 045-065)	8,640 gpd			
	April 12, 2005	P3: Armistion St., replaced 340' of 10" pipe (045-058 to 045-059)	30,240 gpd		101,450 gpd	
	April 12, 2005	P3: Allerton St., replaced 269' of 10" pipe (045-064 to 045-061)				
1st Quarter 2005	March 26, 2005	Woodard Ave., replaced 4' of 12" pipe from STA 2+21 to 2+25 (025-103 to 025-102)	1,440 gpd			
	March 8, 2005	Woodard Ave., replaced service wye STA 0+87 (025-003 to 025-002) see Photos 114A & 114B				
	February 16, 2005	Vesey St., replaced pipe from STA 0+89 to 0+97 (023-028 to 023-027) see Photos 113A & 113B				
	February 14, 2005	Vesey St., replaced service wye at STA 2+11 (023-029 to 023-028) see Photos 112A & 112B	1,440 gpd			
	January 11, 2005	Hillberg Ave., replaced pipe from STA 0+35 to 0+51 (023-042 to 023-041) see Photos 111A & 111B	438 gpd		4,758 gpd	
	January 11, 2005	Hillberg Ave., replaced pipe from STA 0+78 to 0+94 (023-040A to 023-040) see Photos 107A & 107B				
	December 21, 2004	Hillberg Ave., replaced pipe from STA 0+97 to 1+01 (023-044 to 023-043) see Photos 108A & 108B	1,440 gpd			
	December 14, 2004	P2: Silver Rd., replaced 685' of 10" pipe (017-059 to 017-061)	15,840 gpd			
	December 14, 2004	Tremont St., replaced wye & pipe from STA 2+30 to 2+36 (023-016 to 023-014) see Photos 109A & 109B	1,440 gpd			
	Dec. 13-30, 2004	Whitman Interceptor lining, Southfield Dr., East St. to Edison Easement (1,570 ft)	20,000 gpd			
	December 13, 2004	French Ave., replaced pipe from STA 1+13 to 1+25 (023-027 to 023-025) see Photos 110A & 110B	2,160 gpd			
	December 3, 2004	P3: Annadea Rd., replaced 253' of 8" pipe (047-003A to 047-002A)	2,160 gpd			
	December 3, 2004	P3: Edward St., replaced 295' of 8" pipe (047-042 to 047-043)	8,640 gpd			
	December 3, 2004	P3: Edward St., replaced 207' of 8" pipe (047-042 to 047-041)	2,160 gpd			

Table 1
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Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day Inflow Removed	Total I/I per quarter	Exfiltration Source
4th Quarter 2004	December 3, 2004	P3: Crane Rd., replaced 301' of 8" pipe (047-15A to 047-14A)	2,160 gpd			
	December 3, 2004	P3: Crane Rd., replaced 297' of 8" pipe (047-016A to 047-015A)	4,140 gpd			
	December 3, 2004	P3: Crane Rd., replaced 197' of 8" pipe (047-017A to 047-016A)	360 gpd			
	December 2, 2004	P3: Twin Oaks, replaced 225' of 8" pipe (047-009A to 047-010B)	4,320 gpd			
	December 2, 2004	P3: Twin Oaks, replaced 300' of 8" pipe (047-011A to 047-009A)	17,285 gpd			
	December 2, 2004	P3: Twin Oaks, replaced 250' of 8" pipe (047-011A to 047-012A)	5,760 gpd			
	December 2, 2004	French Ave., replaced pipe from STA 0+45 to 0+47 (023-027 to 023-025) see Photos 105A & 105B	1,440 gpd			
	November 29, 2004	P2: Belmont Ave., replaced 89' of 8" and 10" pipe (017-011F to 017-011F1)	3,060 gpd			
	November 22, 2004	P2: Augusta Ave., replaced 763' of 8" and 6" pipe (017-110 to 017-115)	360 gpd			
	November 16, 2004	P2: Greenfield St., replaced 456' of 8" and 6" pipe (017-110 to 017-111)	7,020 gpd			
	November 8, 2004	P2: Spring St., replaced 292' of 8" pipe (017-036 to 017-037)	4,102 gpd			
	November 2, 2004	French Ave., replaced pipe from STA 0+16 to 0+18 (023-027 to 023-025) see Photos 106A & 106B	13,680 gpd			
	November 2, 2004	P2: Poplar Rd., replaced 654' of 8" pipe (017-053 to 017-CAP6)	5,220 gpd			
	October 26, 2004	P2: Brook St. replaced 1,097' of 8" and 10" pipe (018-012A to 018-030)	11,430 gpd			
	October 25, 2004	P2: Green St., replaced 508' of 8" and 10" pipe (017-034 to 017-035)	4,320 gpd			
	October 14, 2004	Myrtle St, replaced pipe STA 0+14 to 0+18 (022-036 to 022-035) see Photos 94A	7,200 gpd			
	October 12, 2004	P2: Newbury St., replaced 528' of 8" and 6" pipe (017-128 to 017-131)	2,160 gpd		147,857 gpd	
	October 4, 2004	School St, replaced pipe from STA 0+05 to 0+09 (019-103B to 019-103A) see Photos 95A & 95B				
3rd Quarter 2004	September 30, 2004	Lincoln St, capped service STA 2+03 (019-103A to 019-103) see Photos 97A & 97B	1,440 gpd			
	September 30, 2004	Lincoln St, replaced pipe from STA 0+80 to 0+85 (019-103A to 019-103) see Photos 96A & 96B	360 gpd			
	September 30, 2004	P2: Ash St., replaced 299' of 8" pipe (017-038 to 017-039)	650 gpd			
	September 24, 2004	Center St, replaced pipe STA 0+82 to 0+94 (0190-65 to 019-037B) see Photos 99A & 99B	1,440 gpd			
	September 24, 2004	Center St, replaced service wye STA 1+08 (019-073 to 019-074) see Photos 98A				
	September 22, 2004	P2: Boylston St. replaced 561' of 8" pipe (020-054 to 020-056)	4,320 gpd			
	September 20, 2004	High St, replaced pipe from STA 1+15 to 1+21 (019-091 to 019-088A) see Photos 100A & 100B	1,440 gpd			
	September 15, 2004	P2: Camden Ave., replaced 292' of 8" pipe (020-060 to 020-060A)				
	September 14, 2004	Legion PKW, replaced pipe from STA 0+46 to 0+64 (019-076 to 019-090) see Photos 101A & 101B	4,320 gpd			
	September 8, 2004	Legion PKW, replaced pipe from STA 0+96 to 0+98 (019-079 to 019-076) see Photos 102A & 102B	1,440 gpd			
	September 8, 2004	P2: Forest Rd. replaced 218' of 8" pipe (018-20A to 018-021A)	720 gpd			
	September 7, 2004	Center St, replaced service wye STA 0+19 (019-073 to 019-072) see Photos 103A & 103B			19,010 gpd	
	September 2, 2004	Packard WY, replaced pipe STA 3+01 to 3+10 (021-004 to 021-003) see Photos 104A	2,880 gpd			
2nd Quarter 2004					0 gpd	
1st Quarter 2004					0 gpd	
4th Quarter 2003	Sept 26 - Dec 31, 2003	Abington removal of 8 sump pumps		172,800	172,800 gpd	
	July 2003	P1: 002-079 MH rehab	2,880 gpd			
	July 2003	P1: 002-081 MH rehab	2,880 gpd			
	July 2003	P1: 002-098 MH rehab	4,320 gpd			
	July 2003	P1: 002-201 MH rehab	2,880 gpd			
	July 2003	P1: 002-200A MH rehab	2,880 gpd			
	August 2003	P1: 004-006 MH rehab	5,760 gpd			
	July 2003	P1: 009-017A MH rehab	7,200 gpd			

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Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day Inflow Removed	Total I/I per quarter	Exfiltration Source
3rd Quarter 2003	July 2003	P1: 011-001 MH rehab	5,760 gpd			
	July 2003	P1: 011-002 MH rehab	4,320 gpd			
	July 2003	P1: 011-018 MH rehab	2,880 gpd			
	August 2003	P1: 012-067 MH rehab	2,160 gpd			
	July 2003	P1: 012-076 MH rehab	2,880 gpd			
	July 2003	P1: 017-125 MH rehab	4,320 gpd			
	August 2003	P1: 017-054 MH rehab	7,200 gpd			
	July 2003	P1: 021-001 MH rehab	28,800 gpd			
	August 2003	P1: 025-041A MH rehab	4,320 gpd			
	July 2003	P1: 027-068 MH rehab	2,160 gpd			
	July 2003	P1: 031-016 MH rehab	2,880 gpd			
	July 2003	P1: 031-089 MH rehab	7,200 gpd			
	July 2003	P1: 031-050A MH rehab	7,200 gpd			
	July 2003	P1: 032-019 MH rehab	4,320 gpd			
	August 2003	P1: 033-021 MH rehab	2,880 gpd			
	August 2003	P1: 041-079 MH rehab	7,200 gpd			
	July 2003	P1: 045-033 MH rehab	7,200 gpd			
	August 2003	P1: 045-065 MH rehab	7,200 gpd			
	July 2003	P1: 046-113A MH rehab	2,160 gpd			
	July 2003	P1: 047-029 MH rehab	4,320 gpd			
	July 2003	P1: 048-057D MH rehab	3,600 gpd			
	July 2003	P1: 049-091 MH rehab	2,160 gpd			
	August 2003	P1: 052-010 MH rehab	3,600 gpd			
	July 2003	P1: 061-011 MH rehab	5,040 gpd			
	July 2003	P1: 065-021 MH rehab	7,200 gpd			
	July 2003	P1: 065-028 MH rehab	31,680 gpd			
	August 2003	P1: 065-008A MH rehab	2,160 gpd			
	August 2003	P1: 117-088A MH rehab	4,320 gpd			
	August 2003	P1: Pleasant Street 008-010 towards 008-011 65' 8"	5,900 gpd			
	August 2003	P1: Rockland Street 008-013 to 008-012 306' 8"	25,000 gpd			
	July 2003	P1: Belair Street 004-040 to 004-023 116' 15"	3,600 gpd			
	July 2003	P1: Belair Street 004-023 to 004-020, 248' 15"	15,120 gpd			
	July 2003	P1: Belair Street 004-020 to 004-016, 320' 15"	16,560 gpd			
	July - Sept. 2003	Abington removal of 21 sump pumps		440,000 gpd	712,100 gpd	
2nd Quarter 2003	May 2003	P1: Belair Street 004-045 to 004-044 280' 15"	0 gpd			
	May 2003	P1: Belair Street 004-044 to 004-042 250' 15"	0 gpd			
	April 2003	P1: Belair Street 004-042 to 004-041 220' 15"	1,275 gpd			
	April 2003	P1: Belair Street 004-041 to 004-040 364' 15" & 18"	2,880 gpd			
	June 2003	P1: North Cary Steet 040-031 to 040-029 164' 12"	11,520 gpd			
	June 2003	P1: North Cary Steet 040-029 to 040-028 353' 12"	112,320 gpd			
	April 8, 2003	P1: Belair Street 004-016 to 017-012A, 415' 15"	14,400 gpd		142,395 gpd	
1st Quarter 2003	March 20, 2003	P1: Belair Street 017-012A to 017-011A 55' 15"	0 gpd			
	March 10, 2003	P1: Westgate Drive 007-127F to 007-127Q 196' 12"	34,560 gpd			
	February 26, 2003	P1: Easement off E. Westgate Dr. 007-127D to 007-127C 326' 12"	30,560 gpd			
	February 15, 2003	P1: Easement off E. Westgate Dr. 007-127C to 007-127B 251' 12"	57,500 gpd			
	February 10, 2003	P1: Easement off E. Westgate Dr. 007-127B to 007-127 335' 12"	410 gpd		123,030 gpd	
er 2002	December-02	P1: Belair Street 017-011A to 017-010B 174' 15"	26,640 gpd			
	December-02	P1: Belair Street 017-010B to 017-011B 98' 15"	11,520 gpd			
	November-02	P1: Belair Street 017-011B to 017-010A 146' 15"	0 gpd			

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day Inflow Removed	Total I/I per quarter	Exfiltration Source
4th Quart	November-02	P1: Belair Street 017-010A to 017-009A, 235' 15"	2,160 gpd			
	November-02	P1: Belair Street 017-009A to 017-001B 209' 15"	0 gpd			
	Oct - Dec 2002	Removal of 138 private sump pumps throughout the city		3,008,000 gpd		
	October 3, 2002	Legion PKW, disconnected private catch basin, STA 0+48 (019-077 to 019-076) see Photo 93A & 93B		107,000 gpd	3,155,320 gpd	
3rd Quarter 2002	August 20, 2002	Removed catch basin grate on sewer manhole at end of Thatcher Crt. (MH 058-022)	100,000 gpd			
	July 30, 2002	Ash St., replaced pipe and service from STA 1+22 to 1+56 (017-039 to 017-038) see Photo 92B	4,320 gpd			
	July 29, 2002	S. Fuller St., replaced pipe from STA 0+27 to 0+33 (018-016B to 018-016A) see Photo 90A & 90B	SPL			
	July 27, 2002	Dover St., replaced service wye at STA 2+24 (018-017 to 018-016A) see Photo 87A & 87B	360 gpd			
	July 25, 2002	Dover St., replaced service wye at STA 2+40 (018-017 to 018-016A) see Photo 88A	1,440 gpd			
	July 24, 2002	Forest Rd., replaced pipe from STA 0+17 to 0+23 (018-021A to 018-020A) see Photo 91A & 91B	SPL			
	July 23, 2002	Dover St., removed service wye at STA 1+18 (018-018B to 018-019C) see Photo 89A & 89B	SPL		106,120 gpd	
	May 28, 2002	Spring St., replaced pipe from STA 1+73 to 1+75 (017-038 to 017-037) see Photo 78A & 78B	SPL			
2nd Quarter 2002	May 21, 2002	Spring St., replaced service wye at STA 1+82 (017-037 to 017-036) see Photo 76A & 76B	4,320 gpd			
	May 20, 2002	Poplar Rd., replaced service wye at STA 0+60 (017-054 to 017-053) see Photo 77A & 77B	2,880 gpd			
	May 17, 2002	Poplar Rd., replaced service wye at STA 0+84 (017-055 to 017-054) see Photo 75A & 75B	720 gpd			
	May 13, 2002	Poplar Rd., replaced service wye at STA 1+22 (017-055 to 017-054) see Photo 85A & 85B	1,440 gpd			
	May 9, 2002	Augusta Ave., replaced pipe from STA 1+08 to 1+12 (017-115 to 017-113) see Photo 84A & 84B	SPL			
	May 8, 2002	Prospect Ave., replaced pipe from STA 0+23 to 0+27 (017-114 to 017-113) see Photo 83A & 83B	4,320 gpd			
	May 8, 2002	Hancock Av., replaced pipe from STA 0+47 to 0+49 (009-086 to 009-085A) see Photo 74A & 74B	720 gpd			
	May 7, 2002	Earle St., replaced pipe from STA 2+20 to 2+25 (017-013A to 017-011A) see Photo 82A & 82B	SPL			
	May 7, 2002	Earle St., replaced pipe from STA 0+50 to 0+52 (017-013A to 017-011A) see Photo 79A & 79B	SPL			
	May 6, 2002	Elm St., replace pipe from STA 0+02 to 0+06 (011-011A to 011-011) see Photo 86A & 86B	720 gpd			
	May 2, 2002	Sunset Dr., replaced pipe from STA 0+00 to 0+05 (011-016 to 011-015) see Photo 81A & 81B	2,880 gpd			
	May 1, 2002	Sunset Dr., replaced pipe from STA 2+72 to 2+77 (011-017 to 011-016) see Photo 80A & 80B	720 gpd		18,720 gpd	
	March 28, 2002	Hancock Ave., removed service stub at STA 1+45 (009-087 to 009-086) see Photo 73A & 73B	200 gpd			
	March 21, 2002	Hancock Ave., replaced service wye at STA 1+06 (009-087 to 009-086) see Photo 72A & 72B	1,440 gpd			
1st Quarter 2002	March 11, 2002	Sunset Dr., replaced pipe from STA 1+45 to 1+52 (009-028 to 009-027) see Photo 71A & 71B	2,880 gpd			
	March 6, 2002	Margery Rd., replaced pipe from STA 1+11 to 1+16 (009-024 to 009-025A) see Photo 65A & 65B	1,440 gpd			
	March 5, 2002	Candy Ln., replaced pipe from STA 1+64 to 1+68 (009-021 to 009-020) see Photo 62A & 62B	100 gpd			
	March 4, 2002	Candy Ln., replaced pipe from STA 0+26 to 0+51 (009-020 to 009-019) see Photo 67A & 67B	1,440 gpd			
	February 28, 2002	Candy Ln., removed stub at STA 1+96 (009-021 to 009-020) see Photo 61A & 61B	SPL			
	February 26, 2002	Candy Ln., replaced pipe from STA 1+58 to STA 1+64 (009-020 to 009-019) see Photo 63A & 63B	1,000 gpd			
	February 25, 2002	N. Pearl St., replaced pipe from STA 0+15 to STA 0+25 (009-78A to 009-79) see Photo 70A & 70B	600 gpd			
	February 21, 2002	Candy Ln., replaced pipe from STA 0+0 to STA 0+28 (009-021B to 009-021) see Photo 68A & 68B	200 gpd			
	February 20, 2002	Candy Ln., replaced pipe from STA 2+63 to STA 2+68 (009-021 to 009-020) see Photo 69A & 69B	360 gpd			
	February 20, 2002	Candy Ln., replaced pipe from STA 1+09 to STA 1+15 (009-021A to 009-021B) see Photo 64A & 64B	100 gpd			
	January 10, 2002	E. Westgate Dr., replaced pipe from STA 0+48 to STA 0+52 (007-127I to 007-127G) see Photo 66A & 66B	1,440 gpd		11,200 gpd	
	November 24, 2001	203 Prospect St., replaced broken service pipe at STA 0+10 (006-094 to 006-096)	SPL			
4th Quarter 2001	November 19, 2001	Candy Lane, replaced pipe from STA 0+10 to 0+14 (009-041 to 009-040)	1,440 gpd			
	November 15, 2001	Candy Ln., replaced pipe from STA 2+31 to 2+37 (009-043 to 009-043A) see Photo 59A & 59B	SPL			
	November 14, 2001	Margery Rd., replaced pipe from STA 2+40 to 2+47 (009-042 to 009-041) see Photo 60A & 60B	SPL			
	November 13, 2001	Santee Road, replace pipe from STA 2+12 to 2+14 (009-058 to 009-056) see Photo 58A & 58B	SPL			
	November 13, 2001	Santee Road, replace pipe from STA 0+77 to 0+80 (009-058 to 009-056) see Photo 57A & 57B	SPL			
	November 13, 2001	Santee Road, replace pipe from STA 0+50 to 0+53 (009-058 to 009-056) see Photo 56A & 56B	SPL			
	October 17, 2001	191 Grove St., replaced broken pipe from approx. STA 0+40 to 0+46 (056+011 to 056+010)	SPL			
	October 9, 2001	West Street, replaced service wye at STA 0+30 (014-080 to 014-079) see Photo 55A	SPL		1,440 gpd	
2001	September 9, 2001	Fitzpatrick Cir, replaced pipe from STA 0+16 to 0+18 (005-104A to 005-104) see Photo 54B	SPL			
	August 20, 2001	Fitzpatrick Cir, replaced service wye at STA 1+32 (005-100 to 005-102) see Photo 52A & 52B	720			

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History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates	Description of Work	Flow in gallons per day			Exfiltration Source
			Infiltration Removed	Inflow Removed	Total I/I per quarter	
3rd Quarter	August 16, 2001	Fitzpatrick Cir, replaced service wye at STA 0+15 (005-098 to 005-099A) see Photo 48A & 48B	720			
	August 14, 2001	Fitzpatrick Cir, replaced service wye at STA 0+43 (005-104 to 005-102A) see Photo 53A & 53B	1,440			
	August 13, 2001	Fitzpatrick Cir, replaced wye & main from STA 1+12 to 1+20 (005-104A to 005-104) see Photo 49A & 49B	8,640			
	August 7, 2001	Sophia Ave., replaced pipe from STA 2+68 to 2+70 (005-140 to 005-136) see Photo 50A & 50B	SPL			
	August 3, 2001	Fitzpatrick Cir, replaced pipe from STA 2+38 to 2+46 (005-100 to 005-102) see Photo 51A & 51B	SPL		11,520 gpd	
2nd Quarter 2001	June 12, 2001	Oak Ridge Dr., replaced pipe from STA 1+40 to 1+55 (004-084 to 004-080) see Photo 47A & 47B	4,680 gpd			
	May 22, 2001	Crickett Rd., replaced pipe from STA 0+49 to 0+53 (004-057A to 004-053) see Photo 44A & 44B	7,200 gpd			
	May 21, 2001	Crickett Rd., replaced pipe from STA 1+82 to 1+86 (004-057A to 004-053) see Photo 45A & 45B	SPL			
	May 15, 2001	Shaws Parking Lot, removed entire 24" pipe (028-038 to 028-039)	SPL			
	May 15, 2001	Shaws Parking Lot, replaced entire 8" pipe (028-039 to 038-039A)	SPL			
	May 10, 2001	VFW off N. Quincy, repaired service pipe and wye (045-013 to 045-012) see Photo 46A & 46B	100,000 gpd			
	May 5, 2001	57 Wilder St., house service connected directly to drain pipe was removed see Photo 43	-			X
	April 25, 2001	Berglund Ave., replaced pipe from STA 2+10 to 2+13 (004-021 to 004-020) see Photo 37A & 37B	SPL			
	April 24, 2001	Berglund Ave., replaced pipe from STA 1+84 to 1+92 (004-021 to 004-020) see Photo 34A & 34B	SPL			
	April 23, 2001	Berglund Ave., replaced service wye at STA 2+35 (004-021 to 004-020) see Photo 36A & 36B	dripping			
	April 20, 2001	Benham St., replaced pipe from STA to () see Photo 38A & 38B	???			
	April 19, 2001	Miller Ave., Replaced pipe from STA to () see Photo 39A & 39B	???			
	April 12, 2001	Berglund Ave., replaced pipe from STA 1+71 to 1+74 (004-021 to 004-020) see Photo 35A & 35B	SPL			
	April 10, 2001	Thompson Ave., replaced pipe from STA 1+03 to 1+07 (004-017 to 004-016) see Photo 41A & 41B	SPL			
	April 9, 2001	Thompson Ave., replaced 6" pipe from STA 0+38 to 0+44 (004-017 to 004-016) see Photo 42A & 42B	SPL			
	April 2, 2001	Reservoir Road, replaced service at wye at STA 0+74 (002-104 to 002-103) see Photo 40A & 40B	1,440 gpd		113,320 gpd	
1st Quarter 2001	March 27, 2001	Belmont and Ash St., replaced 8" pipe from STA 0+10 to 0+15 (018-072 to 018-073) see Photo 31A & 31B	SPL			
	March 19, 2001	Coventry Cir., replaced pipe from STA 0+91 to 0+97 (004-039A to 004-039) see Photo 34A & 34B	SPL			
	March 16, 2001	Coventry Cir., replaced pipe from STA 1+49 to 1+54 (004-039B to 004-039A) see Photo 32A & 32B	SPL			
	March 1, 2001	Coventry Cir., replaced pipe from STA 0+37 to 0+42 (004-039A to 004-039) see Photo 33A & 33B	14,400 gpd			
	February 27, 2001	Coventry Cir., replaced pipe from STA 0+70 to 0+76 (004-039B to 004-039A) see Photo 30A & 30B	SPL			
	February 26, 2001	Coventry Cir., replaced service connection at STA 0+12 (004-039B to 004-039A) see Photo 26A & 26B	5,760 gpd			
	February 20, 2001	Colonel Bell Dr., replaced pipe from STA 2+41 to 2+44 (004-007 to 004-006) see Photo 29A & 29B	2,880 gpd			
	February 12, 2001	Coventry Cir., replaced service connection at STA 1+44 (004-039A to 004-039) see Photo 27A & 27B	4,320 gpd			
	February 9, 2001	Coventry Cir., replaced pipe from STA 1+79 to 1+82 (004-039A to 004-039) see Photo 28A & 28B	4,320 gpd			
	January 30, 2001	Colonel Bell Dr., replaced service connection at STA 1+16 (004-036 to 004-024) see Photo 22A & 22B	4,320 gpd			
	January 29, 2001	Colonel Bell Dr., removed service wye at STA 1+04 (004-025 to 004-026) see Photo 21A & 21B	SPL			
	January 31, 2001	Colonel Bell Dr., removed service wye at STA 0+33 (004-008 to 004-007) see Photo 23A & 23B	SPL			
	January 23, 2001	Colonel Bell Dr., replaced pipe from STA 1+34 to 1+37 (004-025 to 004-026) see Photo 25A & 25B	SPL			
	January 9, 2001	Colonel Bell Dr., replaced pipe from STA 0+62 to 0+64 (004-004 to 004-003) see Photo 24A & 24B	2,160 gpd		38,160 gpd	
4th Quarter 2000	Nov. 30, 2000	West Haven Dr., replaced service connection at STA 0+44 (001-029 to 001-028) see Photo 12A & 12B	720 gpd			
	Nov. 28, 2000	West Haven Dr., replaced 7' of 8" pipe, STA 1+85 to 1+92 (001-029 to 001-028) see Photo 20A & 20B	47 gpd *			
	Nov. 16, 2000	Elliot St., replaced 8' of broken pipe at house #184 (042-121 to 042-122) see Photo 15A & 15B	2,880 gpd			
	Nov. 14, 2000	Darren Dr., replaced pipe at leaking joint at STA 0+52 (001-028 to 001-026) see Photo 19A & 19B	SPL			
	October 26, 2000	Darren Dr., replaced pipe at leaking joint at STA 0+89 (001-028 to 001-026) see Photo 17A & 17B	SPL			
	October 23, 2000	Darren Dr., replaced 3' of cracked pipe STA 1+65 (001-028 to 001-026) see Photo 18A & 18B	SPL			
	October 17, 2000	Darren Dr., replaced 2' of broken pipe at STA 0+08 (001-028 to 001-026) see Photo 16A & 16B	SPL			
	October 5, 2000	Perkins Ave., replaced wye at STA 2+96 (063-009B to 063-005) see Photo 13A & 13B	SPL			
	October 3, 2000	Perkins Ave., plugged service wye at STA 3+30 (063-009B to 063-005) see Photo 14A & 14B	SPL			
	Sept. 15, 2000	Fitzpatrick Circle replaced 7' of 8" VCP	SPL		3,647 gpd	
3rd Quarter 2000	August 21, 2000	Vine St., replaced broken pipe and service STA 0+99 to 1+01 (037-093 TO 037-092) see Photo 8A & 8B	SPL			
	August 17, 2000	12 Orchard Ave., removed service connection at STA 0+79 (037-128 to 037-127) see Photo 9A & 9B	180 gpd			
	August 18, 2000	14 Orchard Ave., replaced service connection at STA 2+28 (037-128 to 037-127) see Photo 10A & 10B	SPL			
	July 29, 2000	Van Cliff Ave., replaced service at STA 0+31 (032-059 to 032-052)	SPL			

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History of Sewer System Repair and Rehabilitation

Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		Exfiltration Source
				Inflow Removed	Total I/I per quarter	
3rd Quarter 2000	July 27, 2000	Paulin Ave., replaced service at STA 0+93 (065-070 to 065-069) see Photo 11A & 11B	720 gpd			
	July 26, 2000	Burril St., replaced service & broken pipe from STA 2+18 to STA 2+19 (048-051 to 048-050)	2,160 gpd			
	July 19, 2000	Roan Crt., replaced service connections at STA 0+27 & 0+29 (019-041 to 019-040) see Photo 1a & 1b	SPL			
	July 19, 2000	Roan Crt., replaced service connection at STA 0+61 (019-041 to 019-040) see Photo 2a & 2b	SPL			
	July 18, 2000	Albany St., replaced leaking joints at STA 2+85 (001-019 to 001-018) see Photo 3a & 3b	2,880 gpd			
	July 13, 2000	Stubb Rd., replaced service connection at STA 0+39 (009-026 to 009-024) see Photo 5a & 5b	360 gpd			
	July 13, 2000	Stubb Rd., replaced service connection at STA 1+03 (009-026 to 009-024) see Photo 6a & 6b	360 gpd			
	July 12, 2000	Stubb Rd., replaced broken pipe from STA 0+18 to 0+20 (009-026 to 009-024) see Photo 7a & 7b	2,880 gpd			
2nd Quarter 2000	July 11, 2000	Windsor Cir., Replaced a service tap at STA 0+05 (031-092 to 031-091) see Photo 4A & 4B	28,800 gpd		38,340 gpd	
	May 2000	Winnifred Road, service replacement at STA 1+32 (015-025 to 015-024)	360 gpd			
	May 2000	Fitzpatrick Avenue, replaced 300' of 8-in VC pipe that was defective (005-145A to MH 005-143)	2,010 gpd *			
	April 13, 2000	Main Interceptor infiltration leak at Meadow Lane bridge crossing	45,000 gpd		47,370 gpd	X
1st Quarter 2000	?	Embassy Nursing Home had direct sewer connection to surface water				
4th Quarter 1999	December 1999	Howard Street Sewer Replacement, 4,460 ft	29,882 gpd *		0 gpd	
	?	Snell Place Sewer Replacement of 15 ft	101 gpd *		29,983 gpd	
3rd Quarter 1999	July 1999	Country Club Lane Sewer Replacement of 400 ft	2,680 gpd *			
	July 1999	Country Club Place Sewer Replacement of 400 ft	2,680 gpd *		5,360 gpd	
2nd Quarter 1999	April 5, 1999	Belair St. MH 004-016 to 004-015 replaced 10' of 10" pipe between STA 1+83 & 1+89	67 gpd *		67 gpd	
	March 29, 1999	Belair St. MH 004-016 to 004-015 replaced 6' of 10" pipe & 1 service between STA 1+37 & 1+41	40 gpd *			
1st Quarter 1999	March 22, 1999	Belair St. MH 017-010B to 017-010A replace 6' of 10" pipe starting @ STA 0+28	40 gpd *		80 gpd	
4th Quarter 1998	September 1998	Warren & Keith, 60 ft west (Holmgren project)	402 gpd *			
	September 1998	Warren & W. Chestnut, 74 ft west (Holmgren project)	496 gpd *			
	September 1998	Warren & Calmar, 74 ft east (Holmgren project)	496 gpd *			
	September 1998	Warren & Market to Copeland, 1,135 ft (Holmgren project)	7,605 gpd *		8,999 gpd	
1st, 2nd, 3rd Quarter 1998	1998	Ellsworth (cured in place lining) 522 linear feet (017-125 to 017-118)	3,497 gpd *			
	January 1998	Disconnected CB connection to sewer at Stonehill College (at Duffy Academic Center)	41,200 gpd *		44,697 gpd	
4th Quarter 1997	December 1997	Warren & Clifton, north to Nilsson, 3,000 ft	20,100 gpd *		20,100 gpd	
3rd Quarter 1997	August 1, 1997	137 Perkins Ave, broken sewer leaking into a broken drain below				X
	?	Sewer overflow disconnected at siphon on Bartlett St.				X
	?	Sewer overflow disconnected on the East Side Interceptor				X
	August 1, 1997	Matfield Woods Estates, possible infiltration from a force main crossing of a brook			0 gpd	X
4th Quarter 1997	April 1997	Sawtell Ave. Sewer Replacement of 300 ft with 8" PVC (between Glendale St. and Alden St.)	2,010 gpd *			

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Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day Inflow Removed	Total I/I per quarter	Exfiltration Source
1st & 2nd Quarter 1997	March 1997	Wilmington St. Sewer Replacement of 100 ft with 15" PVC	670 gpd *			
	January 27, 1997	150 Lisa Drive Replaced 8 ft of sewer with 8" PVC	54 gpd *		2,734 gpd	
		Market Street Sewer Replacement				
4th Quarter 1996	October 1996	Oak Green Apartments off Reservoir Street, disconnected a sewer MH from draining a surface water	900,000 gpd			
	October 1996	Biscayne Street Disconnected this abandoned private street from the city sewer because of several defects and constant I/I.	570,000 gpd		1,470,000 gpd	
3rd Quarter 1996	August 1996	Howard Street Bridge Reconstruction, replaced 150 ft under bridge with 12" DI	1,005 gpd *			
	August 1996	Terminal Place on Evans St., replaced 300 ft of sewer with 8" PVC	2,010 gpd *		3,015 gpd	
2nd Quarter 1996	May 1996	- Replaced 50 ft from Warren Ave. going west with 8" PVC	335 gpd *			
	May 1996	- Replaced 250 ft from intersection of Copeland with 12" DI	1,675 gpd *			
	May 1996	- Replaced 240 ft from Warren Ave. going east with 24" PVC	1,608 gpd *		3,618 gpd	
1st Quarter 1996	March 22, 1996	Augusta Ave. replaced 6 ft with 8" PVC	40 gpd *			
	February 29, 1996	Ash St. and Pleasant St. replaced 25 ft with 8" PVC	168 gpd *		208 gpd	
4th Quarter 1995	Dec. 27, 1995	68 Belair St. replaced 18 ft with 10" PVC	121 gpd *			
					121 gpd	
	Jan.-May 1995	Howard Street Interceptor Project - Replaced 838 ft on Intervale St. with 21" PVC - Replaced 244 ft on Dyer St. with 21" PVC - Replaced 1,511 ft on Winter St., Douglas St., and Oscar Ave. with 18" PVC	5,615 gpd * 1,635 gpd * 10,124 gpd *			
	May 6, 1995	Rainville St. replaced 6 ft with 15" PVC	40 gpd *	8,640 gpd **		
	April 1995	Sump pump removed at 55 Albert St.		8,640 gpd **		
	April 1995	Sump pump removed at 115/117 Ames St.		8,640 gpd **		
	April 1995	Sump pump removed at 234 Ames St.		8,640 gpd **		
	April 1995	Sump pump removed at 266 Ames St.		8,640 gpd **		
	April 1995	Sump pump removed at 60 Arthur St.		8,640 gpd **		
	April 1995	Sump pump removed at 122 Arthur St.		8,640 gpd **		
	April 1995	Sump pump removed at 21 Baltic Ave.		8,640 gpd **		
	April 1995	Sump pump removed at 70 Baltic Ave.		8,640 gpd **		
	April 1995	Sump pump removed at 185 Baltic Ave.		8,640 gpd **		
	April 1995	Sump pump removed at 155 Alden St.		8,640 gpd **		
	April 1995	Sump pump removed at 116 Ames St.		8,640 gpd **		
	April 1995	Sump pump removed at 260 Ames St.		8,640 gpd **		
	April 1995	Sump pump removed at 292 Ames St.		8,640 gpd **		
	April 1995	Sump pump removed at 105 Arthur St.		8,640 gpd **		
	April 1995	Sump pump removed at 136 Arthur St.		8,640 gpd **		
	April 1995	Sump pump removed at 40 Baltic Ave.		8,640 gpd **		
	April 1995	Sump pump removed at 77 Baltic Ave.		8,640 gpd **		

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Annual Quarter	Dates Work Performed	Description of Work	Infiltration Removed	Flow in gallons per day		Total I/I per quarter	Exfiltration Source
				Inflow Removed			
	April 1995	Sump pump removed at 38 Banks St.		8,640 gpd **			
	April 1995	Sump pump removed at 65 Lawton Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 35 Louis St.		8,640 gpd **			
	April 1995	Sump pump removed at 22 Merton St.		8,640 gpd **			
	April 1995	Sump pump removed at 58 Merton St.		8,640 gpd **			
	April 1995	Sump pump removed at 96 Merton St.		8,640 gpd **			
	April 1995	Sump pump removed at 116 North Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 154 North Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 37 Saint Casimir St.		8,640 gpd **			
	April 1995	Sump pump removed at 30 Louis St.		8,640 gpd **			
	April 1995	Sump pump removed at 29 Merton St.		8,640 gpd **			
	April 1995	Sump pump removed at 68 Merton St.		8,640 gpd **			
	April 1995	Sump pump removed at 112 North Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 122 North Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 165 Ridge St.		8,640 gpd **			
	April 1995	Sump pump removed at 24 Vermont Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 64 Banks St.		8,640 gpd **			
	April 1995	Sump pump removed at 11 Bellevue Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 124 Bellevue Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 43 Claremont St.		8,640 gpd **			
	April 1995	Sump pump removed at 107 Hovendon Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 115 Hovendon Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 164 Hovendon Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 247 Howard St.		8,640 gpd **			
	April 1995	Sump pump removed at 10 Intervale St.		8,640 gpd **			
	April 1995	Sump pump removed at 19 Westford St.		8,640 gpd **			
	April 1995	Sump pump removed at 91 Banks St.		8,640 gpd **			
	April 1995	Sump pump removed at 117 Bellevue Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 59 Bonney St.		8,640 gpd **			
	April 1995	Sump pump removed at 25 Granite St.		8,640 gpd **			
	April 1995	Sump pump removed at 114 Hovendon Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 121 Hovendon Ave.		8,640 gpd **			
	April 1995	Sump pump removed at 243 Howard St.		8,640 gpd **			
	April 1995	Sump pump removed at 267 Howard St.		8,640 gpd **			
	April 1995	Sump pump removed at 15 Intervale St.		8,640 gpd **			
	April 11, 1995	240 Colonel Bell Drive replaced 6 ft with 8" PVC	40 gpd *				
	January 1, 1995	Sheridan St. replaced 10 ft with 10" PVC	67 gpd *				
	September 7, 1994	Braemoor Rd. replaced 8 ft with 8" PVC	54 gpd *				
	August 24, 1994	39 Southworth St. replaced 10 ft with 8" PVC	67 gpd *				
	August 1994	Fisk St. Sewer Replacement of 50 ft with 8" PVC	335 gpd *				
	June 6, 1994	Market St. replaced 200 ft with 10" PVC	1,340 gpd *				
	June 1994	I/I Rehabilitation Conducted by Atlantic Development Corporation					
		- Disconnected driveway drain from sewer at 28 Amark St.		4,320 gpd ***			
		- Disconnected driveway drain from sewer at 306 Field St.		4,320 gpd ***			
	Dec. 15, 1993	16 Hill St. replaced 8 ft with 8 PVC	54 gpd *				
	April 13, 1990	249 Boylston St. replaced 8 ft with 8" PVC	0 gpd *				
	May 1, 1990	Pleasant St. at Belair St. replaced 18 ft with 10" PVC	121 gpd *			477,412 gpd	

* I/I estimate based on average I/I rate of 6.7 gpd/ft.

** I/I estimate based on pump rate of 6 gpm.

*** I/I estimate based on pump rate of 3 gpm.

SPL: signs of previous leakage

Estimated Total Infiltration Removed: 4,963,361 gpd

Estimated Total Inflow Removed: 4,427,788 gpd

Estimated Total I/I Removed: 9,507,149 gpd

Photo 299A- 35 Vine Street
SMH (037-096 to 037-093)



Photo 299B- 35 Vine Street
SMH (037-096 to 037-093)



Photo 300A- 32 Vine Street
SMH (037-096 to 037-093)

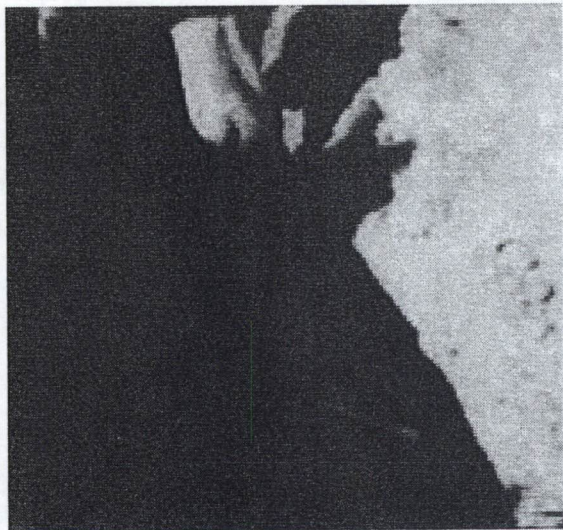


Photo 300B- 32 Vine Street
SMH (037-096 to 037-093)

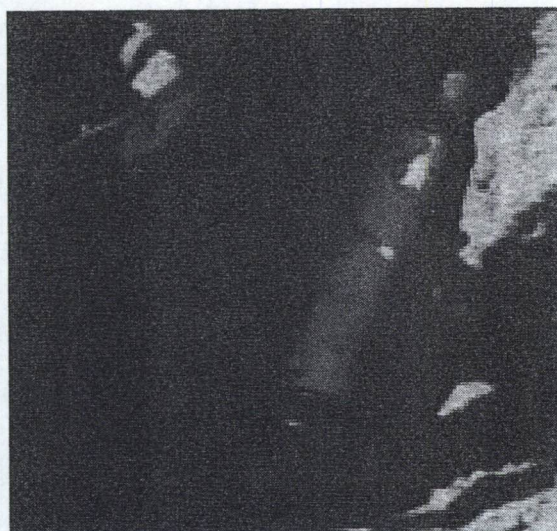
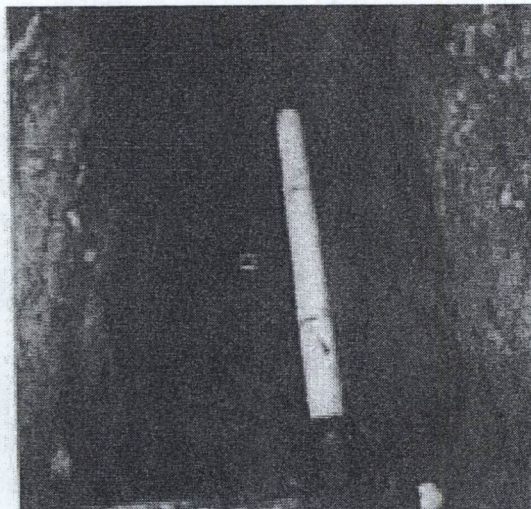


Photo 301A- 477 Crestent Street
SMH (054-034 to 054-034A)



Photo 301B- 477 Crescent Street
SMH (054-034 to 054-034A)



Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

001A

Monitoring Location = 1

80082 - BOD, carbonaceous, 05 day, 20 C (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 0 (-May--Jun--Jul--Aug--Sep--Oct-)

MP Date	Rec Date	NODI	Q1 750 lb/d			Q2 2250 lb/d			C1 5 mg/L			C2 8 mg/L			C3 15 mg/L		
			MO AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code	MO AVG	% Exceed	Viol. Code	WKLY AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code
05/31/2010	6/15/10		229			741			2			3			6		
06/30/2010	7/15/10		200			235			2			2			2		
07/31/2010	8/13/10		172			383			2			2			5		
08/31/2010	9/14/10		177			532			2			3			6		
09/30/2010	10/14/10		172			195			2			2			2		
10/31/2010	11/15/10		191			824			2			3			10		
05/31/2011	6/14/11		119			451			1			1			4		
06/30/2011	7/14/11		112			252			1			1			2		
07/31/2011	8/15/11		90			107			1			1			1		
08/31/2011	9/14/11		98			244			1			1			2		

Season = 1 (-Jan--Feb--Mar--Apr--Nov--Dec-)

MP Date	Rec Date	NODI	Q1 2250 lb/d			Q2 4500 lb/d			C1 15 mg/L			C2 25 mg/L			C3 30 mg/L		
			MO AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code	MO AVG	% Exceed	Viol. Code	WKLY AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code
01/31/2010	2/12/10		302			520			2			2			2		
02/28/2010	1/15/09		197			941			1			2			6		
03/31/2010	4/15/10	9	1,412						4			10			38	27	E90
04/30/2010	5/14/10		563			2,598			3			4			13		
11/30/2010	12/15/10		198			309			2			2			3		
12/31/2010	1/14/11		176			268			2			2			3		
01/31/2011	2/15/11		211			355			2			2			3		
02/28/2011	3/15/11		370			1,213			2			2			5		
03/31/2011	4/14/11		449			1,570			2			4			5		
04/30/2011	5/11/11		151			290			1			1			2		

Permit Limits with DMR Violation Data

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MA0101010 BROCKTON A W R F

50060 - Chlorine, total residual (SNC Group = 2)

Limit Start Date = 12/1/06

Season = 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

MP Date	Rec Date	NODI	C1 .011 mg/L			C3 .019 mg/L		
			MO AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code
01/31/2010	2/12/10	9						
02/28/2010	1/15/09	9						
03/31/2010	4/15/10	9						
04/30/2010	5/14/10	9						
05/31/2010	6/15/10	9						
06/30/2010	7/15/10	9						
07/31/2010	8/13/10	9						
08/31/2010	9/14/10	9						
09/30/2010	10/14/10	9						
10/31/2010	11/15/10	9						
11/30/2010	12/15/10	9						
12/31/2010	1/14/11	9						
01/31/2011	2/15/11	9						
02/28/2011	3/15/11	9						
03/31/2011	4/14/11	9						
04/30/2011	5/11/11	9						
05/31/2011	6/14/11	9						
06/30/2011	7/14/11	9						
07/31/2011	8/15/11	9						
08/31/2011	9/14/11	9						

Season = 1 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	C1		Viol. Code	C3		Viol. Code
			q. Mon. m	% Exceed		q. Mon. m	% Exceed	
01/31/2010	2/12/10	9	MO AVG			DAILY MX		
02/28/2010	1/15/09	9						
03/31/2010	4/15/10	9						
04/30/2010	5/14/10	9						
05/31/2010	6/15/10	9						
06/30/2010	7/15/10	9						
07/31/2010	8/13/10	9						
08/31/2010	9/14/10	9						
09/30/2010	10/14/10	9						
10/31/2010	11/15/10	9						
11/30/2010	12/15/10	9						
12/31/2010	1/14/11	9						
01/31/2011	2/15/11	9						
02/28/2011	3/15/11	9						
03/31/2011	4/14/11	9						
04/30/2011	5/11/11	9						
05/31/2011	6/14/11	9						
06/30/2011	7/14/11	9						
07/31/2011	8/15/11	9						
08/31/2011	9/14/11	9						

74055 - Coliform, fecal general

Limit Start Date = 12/1/06

Season = 0 (-Apr-May-Jun-Jul-Aug-Sep-Oct-)

Permit Limits with DMR Violation Data

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MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	C1		Viol. Code	C3		Viol. Code
			MO GEO	% Exceed		DAILY MX	% Exceed	
04/30/2010	5/14/10		2			1,960	390	E90
05/31/2010	6/15/10		3			20		
06/30/2010	7/15/10		10			50		
07/31/2010	8/13/10		14			120		
08/31/2010	9/14/10		6			120		
09/30/2010	10/14/10		6			60		
10/31/2010	11/15/10		6			40		
04/30/2011	5/11/11		4			28		
05/31/2011	6/14/11		3			80		
06/30/2011	7/14/11		3			86		
07/31/2011	8/15/11		4			36		
08/31/2011	9/14/11		6			42		

01042 - Copper, total (as Cu) (SNC Group = 2)

Limit Start Date = 12/2/06

Season = 0 (-Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

MA0101010 BROCKTON A W R F

C1
20 ug/L

MP Date	Rec Date	NODI	DAILY MX	% Exceed	Viol. Code
01/31/2010	2/12/10		7		
02/28/2010	1/15/09		5		
03/31/2010	4/15/10		7		
04/30/2010	5/14/10		7		
05/31/2010	6/15/10		8		
06/30/2010	7/15/10		11		
07/31/2010	8/13/10		8		
08/31/2010	9/14/10		10		
09/30/2010	10/14/10		10		
10/31/2010	11/15/10		6		
11/30/2010	12/15/10		9.3		
12/31/2010	1/14/11		6		
01/31/2011	2/15/11		4		
02/28/2011	3/15/11		5.8		
03/31/2011	4/14/11		4		
04/30/2011	5/11/11		6.3		
05/31/2011	6/14/11		8		
06/30/2011	7/14/11		5.8		
07/31/2011	8/15/11		5.8		
08/31/2011	9/14/11		6.2		

50050 - Flow in conduit or thru treatment plant

Limit Start Date = 12/1/06

Season = 0 (-Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

MA0101010 BROCKTON A W R F

Q1
1 Mon. Mg

MP Date	Rec Date	NODI	ROLL AVG	% Exceed	Viol. Code
01/31/2010	2/12/10		17.8		
02/28/2010	1/15/09		17.1		
03/31/2010	4/15/10		17.8		
04/30/2010	5/14/10		18.2		
05/31/2010	6/15/10		17.9		
06/30/2010	7/15/10		17.8		
07/31/2010	8/13/10		17.2		
08/31/2010	9/14/10		17		
09/30/2010	10/14/10		17		
10/31/2010	11/15/10		16.6		
11/30/2010	12/15/10		16.2		
12/31/2010	1/14/11		15.4		
01/31/2011	2/15/11		14.9		
02/28/2011	3/15/11		14.9		
03/31/2011	4/14/11		13.8		
04/30/2011	5/11/11		13.1		
05/31/2011	6/14/11		13.1		
06/30/2011	7/14/11		13.1		
07/31/2011	8/15/11		13.2		
08/31/2011	9/14/11		13.3		

00630 - Nitrite plus nitrate total 1 det. (as N) (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 0 (-Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

Permit Limits with DMR Violation Data

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MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	Q1			Q2			C1			C3		
			eq. Mon. lb	% Exceed	Viol. Code	eq. Mon. lb	% Exceed	Viol. Code	q. Mon. m _f	% Exceed	Viol. Code	q. Mon. m _f	% Exceed	Viol. Code
01/31/2010	2/12/10		516			528			4.1			4.5		
02/28/2010	3/15/10		577			629			4.2			4.4		
03/31/2010	4/15/10		753			889			3.9			4		
04/30/2010	5/14/10					711								
04/30/2010	5/19/10		626						3.5			4.1		
05/31/2010	6/15/10		459			545			4			4.6		
06/30/2010	7/15/10		367			456			3.3			3.9		
07/31/2010	8/13/10		313			364			3.8			4.6		
08/31/2010	9/14/10		343			428			5.2			5.7		
09/30/2010	10/14/10		490			604			5			6.2		
10/31/2010	11/15/10		362			437			4.2			4.4		
11/30/2010	12/15/10		184			224			2.1			2.2		
12/31/2010	1/14/11		338			358			3.8			3.8		
01/31/2011	2/15/11		316			357			3.1			3.7		
02/28/2011	3/15/11		610			882			4			5.7		
03/31/2011	4/14/11		298			455			1.8			3.1		
04/30/2011	5/11/11		523			707			4.2			5.2		
05/31/2011	6/14/11		373			400			3.6			4.1		
06/30/2011	7/14/11		381			409			4.2			4.4		
07/31/2011	8/15/11		358			372			4.5			4.9		
08/31/2011	9/14/11		348			370			3.9			4.1		

00610 - Nitrogen, ammonia total (as N) (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 0 (-May-)

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	C1			C3		
			3.2 mg/L	% Exceed	Viol. Code	q. Mon. m _f	% Exceed	Viol. Code
05/31/2010	6/15/10		0.26			0.54		
05/31/2011	6/14/11		0.12			0.18		

Season = 1 (-Jun-Jul-Aug-Sep-Oct-)

MP Date	Rec Date	NODI	Q1			Q2			C1			C2			C3		
			150 lb/d	% Exceed	Viol. Code	225 lb/d	% Exceed	Viol. Code	1 mg/L	% Exceed	Viol. Code	1 mg/L	% Exceed	Viol. Code	1.5 mg/L	% Exceed	Viol. Code
06/30/2010	7/15/10		23			42			0.23			0.34			0.36		
07/31/2010	8/13/10		25			37			0.31			0.41			0.42		
08/31/2010	9/14/10		42			69			0.52			0.71			0.82		
09/30/2010	10/14/10		56			84			0.63			0.87	8,600	E90	0.89		
10/31/2010	11/15/10		24			46			0.28			0.49			0.48		
06/30/2011	7/14/11		4			6			0.04			0.05			0.06		
07/31/2011	8/15/11		22			86			0.24			0.69			0.99		
08/31/2011	9/14/11		5			10			0.05			0.08			0.11		

Season = 4 (-Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

typo?

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	C1 9.5 mg/L			C3 q. Mon. m _f		
			MO AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code
01/31/2010								
02/28/2010								
03/31/2010								
04/30/2010	5/14/10		0.25			0.43		
05/31/2010	6/15/10	9						
06/30/2010	7/15/10	9						
07/31/2010	8/13/10	9						
08/31/2010	9/14/10	9						
09/30/2010	10/14/10	9						
10/31/2010	11/15/10	9						
11/30/2010	12/15/10		3.15			11		
12/31/2010	1/14/11		1.37			4.4		

Season = 5 (~Jan-Feb-Mar-Apr-Dec-)

MP Date	Rec Date	NODI	C1 9.2 mg/L			C3 q. Mon. m _f		
			MO AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code
01/31/2010								
02/28/2010								
03/31/2010								
04/30/2010								
12/31/2010	1/14/11	9						
01/31/2011	2/18/11		1.69			4.2		
02/28/2011	3/15/11		0.81			5.9		
03/31/2011	4/14/11		2.55			7		
04/30/2011	5/11/11		0.22			0.52		

Limit Start Date = 4/1/09

Season = 2 (~Nov-)

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	Q1 150 lb/d			Q2 150 lb/d			C1 225 mg/L			C2 1 mg/L			C3 1.5 mg/L		
			MO AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code	MO AVG	% Exceed	Viol. Code	WKLY AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code
11/30/2010	12/15/10	9															

Season = 3 (~Jan-Feb-Mar-Apr-Dec-)

MP Date	Rec Date	NODI	C1 9.5 mg/L			C2 q. Mon. m _f			C3 q. Mon. m _f		
			MO AVG	% Exceed	Viol. Code	WKLY AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code
01/31/2010	2/12/10		0.41			0.79			0.82		
02/28/2010	3/15/10		0.71			1.3			1.3		
03/31/2010	4/15/10	9	0.75						1.4		

00625 - Nitrogen, Kjeldahl, total (as N) (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 0 (~Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	Q1			Q2			C1			C3		
			sq. Mon. lb	MO AVG	% Exceed	Viol. Code	sq. Mon. lb	DAILY MX	% Exceed	Viol. Code	sq. Mon. m ₃	MO AVG	% Exceed	Viol. Code
01/31/2010	2/12/10			126				128				1		
02/28/2010	3/15/10			227				289				1.7		
03/31/2010	4/15/10			289				311				1.5		
04/30/2010	5/14/10			214				295				1.1		
05/31/2010	6/15/10			146				188				1.3		
06/30/2010	7/15/10			163				174				1.5		
07/31/2010	8/13/10			139				151				1.7		
08/31/2010	9/14/10			123				135				1.9		
09/30/2010	10/14/10			180				195				1.9		
10/31/2010	11/15/10			126				187				1.4		
11/30/2010	12/15/10			610				763				7.1		
12/31/2010	1/14/11			132				142				1.5		
01/31/2011	2/15/11			220				381				2.2		
02/28/2011	3/15/11			1,095				2,355						
02/28/2011	3/16/11											2.7		
03/31/2011	4/14/11			861				2,135				3.3		
04/30/2011	5/11/11			161				185				1.4		
05/31/2011	6/14/11			168				218				1.6		
06/30/2011	7/14/11			81				83				0.9		
07/31/2011	8/15/11			93				95				1.2		
08/31/2011	9/14/11			108				117				1.2		

00300 - Oxygen, dissolved (DO)

Limit Start Date = 12/1/06

Season = 0 (-Apr-May-Jun-Jul-Aug-Sep-Oct-)

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	C1		
			6 mg/L	MINIMUM	% Exceed
04/30/2010	5/14/10			6.8	
05/31/2010	6/15/10			7.5	
06/30/2010	7/15/10			6.5	
07/31/2010	8/13/10			6.7	
08/31/2010	9/14/10			6.5	
09/30/2010	10/14/10			6.5	
10/31/2010	11/15/10			7	
04/30/2011	5/11/11			8.3	
05/31/2011	6/14/11			7.4	
06/30/2011	7/14/11			7	
07/31/2011	8/15/11			6.3	
08/31/2011	9/14/11			6.6	

00400 - pH

Limit Start Date = 12/1/06

Season = 0 (-Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	C1 6.5 SU		Viol. Code	C3 8.3 SU		Viol. Code
			MINIMUM	% Exceed		MAXIMUM	% Exceed	
01/31/2010	2/12/10		6.6			7.2		
02/28/2010	3/15/10		6.5			7.2		
03/31/2010	4/15/10		6.6			7.1		
04/30/2010	5/14/10		6.6			7		
05/31/2010	6/15/10		6.5			7		
06/30/2010	7/15/10		6.6			7.1		
07/31/2010	8/13/10		6.7			7.1		
08/31/2010	9/14/10		6.6			7		
09/30/2010	10/14/10		6.6			7.1		
10/31/2010	11/15/10		6.7			7.4		
11/30/2010	12/15/10		6.7			7.4		
12/31/2010	1/14/11		6.6			7		
01/31/2011	2/15/11		6.7			7.1		
02/28/2011	3/15/11		6.7			7.1		
03/31/2011	4/14/11		6.6			7.2		
04/30/2011	5/11/11		6.6			7.2		
05/31/2011	6/14/11		6.6			7.1		
06/30/2011	7/14/11		6.6			7.2		
07/31/2011	8/15/11		6.6			7		
08/31/2011	9/14/11		6.7			7.2		

00665 - Phosphorus, total (as P) (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 0 (-Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	Q1 eq. Mon. lb		Viol. Code	Q2 eq. Mon. lb		Viol. Code	C1 .2 mg/L		Viol. Code	C3 eq. Mon. m		Viol. Code
			MO AVG	% Exceed		DAILY MX	% Exceed		ROLL AVG	% Exceed		DAILY MX	% Exceed	
01/31/2010	2/12/10		12			26			0.16			0.18		
02/28/2010	1/15/09		14			26			0.09			0.17		
03/31/2010	4/15/10		93			545			0.19			1.09		
04/30/2010	5/14/10		29.54			217.93			0.21	5	E90	0.69		
05/31/2010	6/15/10		14.39			38.26			0.17			0.33		
06/30/2010	7/15/10		10.17			16.4			0.12			0.19		
07/31/2010	8/13/10		15.4			47.87			0.15			0.61		
08/31/2010	9/14/10		15.13			47.31			0.2			0.61		
09/30/2010	10/14/10		8.1			16.73			0.2			0.2		
10/31/2010	11/15/10		6.04			14.77			0.13			0.15		
11/30/2010	12/15/10		15			67			0.12			0.98		
12/31/2010	1/14/11		11			26			0.15			0.28		
01/31/2011	2/15/11		9			29			0.15			0.28		
02/28/2011	3/15/11		22			137			0.1			0.5		
03/31/2011	4/14/11		22			107			0.13			0.6		
04/30/2011	5/11/11		14.12			22.03			0.12			0.15		
05/31/2011	6/14/11		20.63			34.06			0.15			0.34		
06/30/2011	7/14/11		11.62			24.54			0.16			0.25		
07/31/2011	8/15/11		17.1			39.97			0.17			0.41		
08/31/2011	9/14/11		13.28			37.83			0.17			0.42		

00530 - Solids, total suspended (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 0 (-May-Jun-Jul-Aug-Sep-Oct-)

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	Q1 750 lb/d			Q2 2250 lb/d			C1 5 mg/L			C2 8 mg/L			C3 15 mg/L		
			MO AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code	MO AVG	% Exceed	Viol. Code	WKLY AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code
05/31/2010	6/15/10		193			618			2			2			5		
06/30/2010	7/15/10		157			349			2			2			3		
07/31/2010	8/13/10		184			918			2			3			12		
08/31/2010	9/14/10		193			729			2			3			5		
09/30/2010	10/14/10		104			194			1			1			2		
10/31/2010	11/15/10		128			264			2			2			3		
05/31/2011	6/14/11		122			229			1			1			2		
06/30/2011	7/14/11		106			219			1			1			2		
07/31/2011	8/15/11		105			277			1			1			3		
08/31/2011	9/14/11		99			176			1			1			2		

Season = 1 (~Jan~Feb~Mar~Apr~Nov~Dec~)

MP Date	Rec Date	NODI	Q1 2250 lb/d			Q2 4500 lb/d			C1 15 mg/L			C2 25 mg/L			C3 30 mg/L		
			MO AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code	MO AVG	% Exceed	Viol. Code	WKLY AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code
01/31/2010	2/12/10		325			635			2			2			4		
02/28/2010	3/15/10		257			649			2			2			4		
03/31/2010	4/15/10	9							14			53	112	E90	238	693	E90
04/30/2010	5/14/10		670			3,896			3			4			12		
11/30/2010	12/15/10		167			417			2			2			4		
12/31/2010	1/14/11		169			463			2			2			5		
01/31/2011	2/15/11		308			366			3			3			3		
02/28/2011	3/15/11		534			3,140			3			4			13		
03/31/2011	4/14/11		451			2,183			2			4			8		
04/30/2011	5/11/11		303			786			2			3			4		

Monitoring Location = G

80082 - BOD, carbonaceous, 05 day, 20 C (SNC Group = 1)

Limit Start Date = 12/1/06

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

Season = 0 (~Jan~Feb~Mar~Apr~May~Jun~Jul~Aug~Sep~Oct~Nov~Dec~)

MP Date	Rec Date	NODI	Q1 sq. Mon. lb			Q2 sq. Mon. lb			C1 q. Mon. m			C2 q. Mon. m			C3 q. Mon. m		
			MO AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code	MO AVG	% Exceed	Viol. Code	WKLY AVG	% Exceed	Viol. Code	DAILY MX	% Exceed	Viol. Code
01/31/2010	2/12/10		19,985			34,215			135			156			220		
02/28/2010	1/15/09		18,954			30,484			138			162			240		
03/31/2010	4/15/10		18,497			28,571			69			102			143		
04/30/2010	5/14/10								94			100			190		
04/30/2010	7/15/10		17,506			25,126											
05/31/2010	6/15/10		16,832			27,105			153			171			250		
06/30/2010	7/15/10		23,232			47,564			234			253			410		
07/31/2010	8/13/10		20,854			40,844			257			273			470		
08/31/2010	9/14/10		19,638			32,245			248			303			410		
09/30/2010	10/14/10		20,490			28,470			229			257			290		
10/31/2010	11/15/10		17,006			30,549			200			238			300		
11/30/2010	12/15/10		18,544			33,545			198			227			340		
12/31/2010	1/14/11		19,139			35,904			211			263			420		
01/31/2011	2/15/11		17,881			31,031			173			214			290		
02/28/2011	3/15/11		22,687			44,916			151			192			360		
03/31/2011	4/14/11		21,567			29,183			121			153			200		
04/30/2011	5/11/11		18,760			25,555			140			181			214		
05/31/2011	6/14/11		17,841			31,513			166			196			292		
06/30/2011	7/14/11		20,365			30,614			206			211			280		
07/31/2011	8/15/11		21,393			34,078			236			280			355		
08/31/2011	9/14/11		22,380			29,873			238			266			306		

00530 - Solids, total suspended (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 0 (~Jan~Feb~Mar~Apr~May~Jun~Jul~Aug~Sep~Oct~Nov~Dec~)

Permit Limits with DMR Violation Data

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MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	Q1			Q2			C1			C2			C3		
			sq. Mon. lb	% Exceed	Viol. Code	sq. Mon. lb	% Exceed	Viol. Code	q. Mon. m	% Exceed	Viol. Code	q. Mon. m	% Exceed	Viol. Code	q. Mon. m	% Exceed	Viol. Code
01/31/2010	2/12/10		16,362			22,355			110			119			160		
02/28/2010	3/15/10		16,944			26,838			123			146			200		
03/31/2010	4/15/10		20,589			34,017			76			106			134		
04/30/2010	5/14/10		20,084			42,138			107			114			215		
05/31/2010	6/15/10		16,263			23,076			149			168			244		
06/30/2010	7/15/10		17,078			22,506			172			182			233		
07/31/2010	8/13/10		15,907			27,254			196			221			308		
08/31/2010	9/14/10		17,873			41,362			222			227			444		
09/30/2010	10/14/10		18,422			25,297			207			225			290		
10/31/2010	11/15/10		15,089			25,746			178			237			300		
11/30/2010	12/15/10		16,612			29,824			176			192			300		
12/31/2010	1/14/11		15,994			39,680			177			221			504		
01/31/2011	2/15/11		16,543			2,870			160			187			260		
02/28/2011	3/15/11		17,053			24,998			116			143			160		
03/31/2011	4/14/11		18,955			35,939			105			119			162		
04/30/2011	5/11/11		15,971			22,803			118			132			158		
05/31/2011	6/14/11		14,582			23,311			135			143			210		
06/30/2011	7/14/11		14,555			21,143			147			162			188		
07/31/2011	8/15/11		15,218			20,596			169			174			252		
08/31/2011	9/14/11		15,421			22,327			164			175			218		

Monitoring Location = K

81010 - BOD, 5-day, percent removal (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 0 (~Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

C1						
85 %						
MP Date	Rec Date	NODI	MO AV MN	% Exceed	Viol. Code	
01/31/2010	2/12/10		99			
02/28/2010	1/15/09		99			
03/31/2010	4/15/10		95			
04/30/2010	5/14/10		97			
05/31/2010	6/15/10		99			
06/30/2010	7/15/10		99			
07/31/2010	8/13/10		99			
08/31/2010	9/14/10		99			
09/30/2010	10/14/10		99			
10/31/2010	11/15/10		99			
11/30/2010	12/15/10		99			
12/31/2010	1/14/11		99			
01/31/2011	2/15/11		99			
02/28/2011	3/15/11		98			
03/31/2011	4/14/11		98			
04/30/2011	5/11/11		99			
05/31/2011	6/14/11		99			
06/30/2011	7/14/11		99			
07/31/2011	8/15/11		99.6			
08/31/2011	9/14/11		100			

81011 - Solids, suspended percent removal (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 0 (~Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

MA0101010 BROCKTON A W R F

C1
85 %

MP Date	Rec Date	NODI	MO AV MN	% Exceed	Viol. Code
01/31/2010	2/12/10		98		
02/28/2010	1/15/09		99		
03/31/2010	4/15/10		82	20	E90
04/30/2010	5/14/10		97		
05/31/2010	6/15/10		99		
06/30/2010	7/15/10		99		
07/31/2010	8/13/10		99		
08/31/2010	9/14/10		99		
09/30/2010	10/14/10		99		
10/31/2010	11/15/10		99		
11/30/2010	12/15/10		99		
12/31/2010	1/14/11		99		
01/31/2011	2/15/11		98		
02/28/2011	3/15/11		97		
03/31/2011	4/14/11		98		
04/30/2011	5/11/11		98		
05/31/2011	6/14/11		99		
06/30/2011	7/14/11		99		
07/31/2011	8/15/11		99		
08/31/2011	9/14/11		99		

Monitoring Location = Q

80082 - BOD, carbonaceous, 05 day, 20 C (SNC Group = 1)

Limit Start Date = 4/1/08

Season = 0 (-May--Jun--Jul--Aug--Sep--Oct-)

MA0101010 BROCKTON A W R F

Q1
1200 lb/d

MP Date	Rec Date	NODI	WKLY AVC	% Exceed	Viol. Code
05/31/2010					
06/30/2010					
07/31/2010					
08/31/2010					
09/30/2010					
10/31/2010					
05/31/2011	6/14/11	9			
06/30/2011	7/14/11	9			
07/31/2011	8/15/11	9			
08/31/2011	9/14/11	9			

Limit Start Date = 4/1/09

Season = 1 (-Jan--Feb--Mar--Apr--Aug--Nov--Dec-)

Q1
3750 lb/d

MP Date	Rec Date	NODI	WKLY AVC	% Exceed	Viol. Code
01/31/2010	2/12/10		406		
02/28/2010	1/15/09		284		
03/31/2010	4/15/10	9			
04/30/2010	5/14/10		1,487		
08/31/2010	9/14/10		22,646	504	E90
11/30/2010	12/15/10		233		
12/31/2010	1/14/11		197		
01/31/2011	2/15/11		233		
02/28/2011	3/15/11		412		
03/31/2011	4/14/11		886		
04/30/2011	5/11/11		158		
06/31/2011	9/14/11		121		

typo?

Permit Limits with DMR Violation Data

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MA0101010 BROCKTON A W R F

50050 - Flow, in conduit or thru treatment plant

Limit Start Date = 12/1/06

Season = 0 (~Jan~Feb~Mar~Apr~May~Jun~Jul~Aug~Sep~Oct~Nov~Dec~)

MP Date	Rec Date	NODI	Q1		Viol. Code	Q2		Viol. Code
			1. Mon. Mg	% Exceed		1. Mon. Mg	% Exceed	
01/31/2010	2/12/10		18.4			31.2		
02/28/2010	1/15/09		17.8			38.9		
03/31/2010	4/15/10		35.7			60		
04/30/2010	5/14/10		24.7			51.9		
05/31/2010	6/15/10		13.2			17.6		
06/30/2010	7/15/10		12			14.1		
07/31/2010	8/13/10		9.7			10.6		
08/31/2010	9/14/10		9.7			17.5		
09/30/2010	10/14/10		10.7			12		
10/31/2010	11/15/10		10.2			12.2		
11/30/2010	12/15/10		11.3			14.4		
12/31/2010	1/14/11		11			13.7		
01/31/2011	2/15/11		12.9					
01/31/2011	2/28/11					14.6		
02/28/2011	3/15/11		18.1			29.9		
03/31/2011	4/14/11		22.5			37.6		
04/30/2011	5/11/11		16.5			23.6		
05/31/2011	6/14/11		12.9			14.1		
06/30/2011	7/14/11		11.8			15.1		
07/31/2011	8/15/11		10.9			12.8		
08/31/2011	9/14/11		11.3			14.6		

00610 - Nitrogen, ammonia total (as N) (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 1 (~Jun~Jul~Aug~Sep~Oct~)

Permit Limits with DMR Violation Data

Oct 4, 2011 1:35:48 PM

MA0101010 BROCKTON A W R F

MP Date	Rec Date	NODI	Q2		Viol. Code
			150 lb/d	% Exceed	
06/30/2010	7/15/10		40		
07/31/2010	8/13/10		35		
08/31/2010	9/14/10		50		
09/30/2010	10/14/10		84		
10/31/2010	11/15/10		43		
06/30/2011	7/14/11		4		
07/31/2011	8/15/11		61		
08/31/2011	9/14/11		7		

00530 - Solids, total suspended (SNC Group = 1)

Limit Start Date = 12/1/06

Season = 1 (~Jan~Feb~Mar~Apr~Nov~Dec~)

MP Date	Rec Date	NODI	Q1		Viol. Code
			3750 lb/d	% Exceed	
01/31/2010					
02/28/2010					
03/31/2010					
04/30/2010					
11/30/2010					
12/31/2010	1/14/11	9			
01/31/2011	2/15/11		324		
02/28/2011	3/15/11		714		
03/31/2011	4/14/11		1,016		
04/30/2011	5/11/11		359		

Season = 3 (~Apr~May~Jun~Jul~Aug~Sep~Oct~)

MA0101010 BROCKTON A W R F

Q1
1200 lb/d

MP Date	Rec Date	NODI	WKLY AVC	% Exceed	Viol. Code
04/30/2010					
05/31/2010					
06/30/2010					
07/31/2010					
08/31/2010					
09/30/2010					
10/31/2010					
04/30/2011	5/11/11	9			
05/31/2011	6/14/11		160		
06/30/2011	7/14/11		139		
07/31/2011	8/15/11		123		
08/31/2011	9/14/11		104		

Limit Start Date = 4/1/09

Season = 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Q1
3750 lb/d

MP Date	Rec Date	NODI	WKLY AVC	% Exceed	Viol. Code
01/31/2010	2/12/10		406		
02/28/2010	3/15/10		335		
03/31/2010	4/15/10	9			
04/30/2010	5/19/10		1,895		
05/31/2010	6/15/10		245		
06/30/2010	7/15/10		251		
07/31/2010	8/13/10		236		
08/31/2010	9/14/10		235		
09/30/2010	10/14/10		114		
10/31/2010	11/15/10		202		
11/30/2010	12/15/10		238		
12/31/2010	1/14/11		197		

MA0101010 BROCKTON A W R F

001BMonitoring Location = 1TAA3B - LC50 Static 48Hr Acute Ceriodaphnia

Limit Start Date = 12/1/06

Season = 1 (-Feb--May--Aug--Nov-)

C1
100 %

MP Date	Rec Date	NODI	DAILY MN	% Exceed	Viol. Code
02/28/2010	4/15/10		100		
05/31/2010	6/15/10		100		
08/31/2010	9/14/10		100		
11/30/2010	12/15/10		100		
02/28/2011	3/15/11		100		
05/31/2011	6/14/11		100		
08/31/2011	9/14/11		100		

TBP3B - Noel Statre 7Day Chronic Ceriodaphnia

Limit Start Date = 12/1/06

Season = 1 (-Feb--May--Aug--Nov-)

MA0101010 BROCKTON A W R F

C1 98 %					
MP Date	Rec Date	NODI	DAILY MN	% Exceed	Viol. Code
02/28/2010	4/15/10		100		
05/31/2010	6/15/10		100		
08/31/2010	9/14/10		100		
11/30/2010	12/15/10		50	49	E90
02/28/2011	3/15/11		100		
05/31/2011	6/14/11		100		
08/31/2011	9/14/11		100		

001T

Monitoring Location = 1

TAA3B - LC50 Static 48Hr Acute Ceriodaphnia

Limit Start Date = 12/1/06

Season = 0 (-Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

MA0101010 BROCKTON A W R F

C1 100 %					
MP Date	Rec Date	NODI	DAILY MN	% Exceed	Viol. Code
01/31/2010	2/12/10		100		
02/28/2010	1/15/09	9			
03/31/2010	4/15/09	9			
04/30/2010	5/14/10	9			
05/31/2010	6/15/10	9			
06/30/2010	7/15/10	9			
07/31/2010	8/13/10	9			
08/31/2010	9/14/10		100		
09/30/2010	10/14/10	9			
10/31/2010	11/15/10	9			
11/30/2010	12/15/10	9			
12/31/2010	1/14/11	9			
01/31/2011	2/15/11	9			
02/28/2011	3/15/11	9			
03/31/2011	4/14/11		100		
04/30/2011	5/11/11	9			
05/31/2011	6/14/11	9			
06/30/2011	7/14/11	9			
07/31/2011	8/15/11	9			
08/31/2011	9/14/11	9			

TBP3B - Noel Statre 7Day Chronic Ceriodaphnia

Limit Start Date = 12/1/06

Season = 0 (-Jan-Feb-Mar-Apr-May-Jun-Jul-Aug-Sep-Oct-Nov-Dec-)

MA0101010 BROCKTON A W R F

C1 98 %					
MP Date	Rec Date	NODI	DAILY MN	% Exceed	Viol. Code
01/31/2010	2/12/10		100		
02/28/2010	1/15/09	9			
03/31/2010	4/15/09	9			
04/30/2010	5/14/10	9			
05/31/2010	6/15/10	9			
06/30/2010	7/15/10	9			
07/31/2010	8/13/10	9			
08/31/2010	9/14/10		100		
09/30/2010	10/14/10	9			
10/31/2010	11/15/10	9			
11/30/2010	12/15/10	9			
12/31/2010	1/14/11	9			
01/31/2011	2/15/11	9			
02/28/2011	3/15/11	9			
03/31/2011	4/14/11		25	74	E90
04/30/2011	5/11/11	9			
05/31/2011	6/14/11	9			
06/30/2011	7/14/11	9			
07/31/2011	8/15/11	9			
08/31/2011	9/14/11	9			